

# **JPMethod Large Multiplication**

Large Multiplication & Division (Up to 25x25)

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# **JPMethod Large Multiplication - Large Multiplication & Division (Up to 25x25) Instructions**

Welcome to the JP Method Math Practice workbook. This resource is designed to help students improve their multiplication and division skills with larger numbers through consistent practice.

Work through one section at a time, mastering each range before moving on.

Focus on accuracy when solving each problem.

Write the answer clearly in the box provided.

Use scratch paper if needed for calculations.

Keep practice sessions focused and regular for best results.

Use the answer key at the back to check your work and learn from mistakes.

Consistent practice builds fluency and confidence in math.

Developing fluency with multiplication and division is crucial for future math success. Keep practicing, stay positive, and enjoy the challenge!

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# Parent Guide: Large Multiplication & Division

## How to Print This Guide

- Print 2 pages per sheet (A5 pages on A4 paper)
- Select 'Flip on short edge' for double-sided printing
- Look for the standard cut marks on the printed pages
- Use a photo slicer or sharp blade to cut along the cut marks
- This will separate the pages into individual A5 sheets

## Your Approach as a Parent

- Show empathy - large multiplication can be intimidating at first
- Be firm but never pushy - maintain standards without overwhelming
- Don't negotiate the work, but be flexible about timing and breaks
- Observe your child's daily capacity - some days they can do more, some less
- Daily practice is crucial - consistency beats intensity every time
- Be sensitive to their emotional state and adjust accordingly
- Remember: your patience and understanding create the learning environment

## About This Workbook

This workbook teaches large multiplication and division through progressive sections. Students build computational fluency and mental math strategies while working with increasingly complex problems. The exercises develop automatic recall of multiplication facts and efficient calculation methods.

## Essential Concepts

- Multiplication as repeated addition:  $7 \times 4$  means 'seven groups of four'
- Division as the inverse of multiplication: if  $7 \times 4 = 28$ , then  $28 \div 7 = 4$
- Place value understanding for multi-digit calculations
- Mental math strategies: breaking down numbers, using known facts
- Real-world connections: area calculations, equal groupings, scaling recipes

## After Completing This Workbook

Students who master this workbook are ready for advanced arithmetic including fractions, decimals, and percentages. The computational fluency built here directly supports success in algebra, geometry, and real-world mathematical applications.

## **Section-by-Section Guide**

- Early sections: Single-digit multiplication facts. Build automatic recall and confidence.
- Middle sections: Two-digit by one-digit problems. Develop mental math strategies.
- Advanced sections: Large multiplication and division. Apply algorithms and check work.
- Final sections: Mixed operations with larger numbers. Build computational fluency.

## **Effective Teaching Strategies**

- Be empathetic and patient - computation anxiety is real and common
- Stay firm but kind - don't negotiate standards, but be understanding
- Be sensitive to your child's emotional state and learning capacity
- Use visual models: arrays, area models, grouping objects
- Connect to real situations: 'How many wheels on 12 cars?'
- Encourage mental math: 'Can you do this one in your head?'
- Break large problems into smaller steps
- Use estimation: 'About what should the answer be?'
- Celebrate efficient strategies, not just correct answers

## **Effective Practice Sessions**

- Daily practice is essential - even 10 minutes is better than none
- Observe carefully how much volume your child can handle each day
- Keep sessions short: 15-20 minutes maximum to maintain focus
- Complete one full section before moving to the next
- Review previous sections periodically to maintain skills
- Use solutions to check work, but encourage self-correction first
- Celebrate progress and small wins, not just correct answers
- If struggling, return to easier sections to rebuild confidence
- Focus on understanding strategies rather than speed initially

## **Common Mistakes and Solutions**

- Problem: Rushing through calculations and making careless errors
- Solution: Encourage careful work and checking answers through estimation
- 
- Problem: Forgetting multiplication facts under pressure
- Solution: Regular, low-pressure practice of basic facts outside of problem sessions
- 
- Problem: Getting overwhelmed by large numbers
- Solution: Break problems into smaller, manageable parts using place value
- 
- Problem: Not understanding what multiplication and division mean
- Solution: Use concrete objects and real-world examples before abstract practice

## **When Students Get Stuck**

- Stay calm and empathetic - frustration is part of learning
- Don't push too hard - observe when they've reached their limit
- Use concrete examples: 'If you have 6 bags with 8 candies each...'
- Draw pictures or use objects to make problems visual
- Break complex problems into smaller steps
- Ask students to explain their thinking out loud
- Focus on accuracy over speed - mastery takes time
- Consider if the student needs to review basic multiplication facts
- Take breaks when needed - forcing won't help
- Connect to previously learned addition and subtraction concepts

## **Checking Understanding**

- Ask 'How did you figure that out?' to understand their strategy
- Have students create word problems for you to solve
- Quick verbal checks during daily activities: 'What's 7 times 8?'
- Look for consistent application of efficient strategies
- Check if they can estimate before calculating: 'About how much?'
- Observe if they can work with larger numbers confidently



## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $6 \times 8 =$

7)  $8 \times 9 =$

2)  $6 \times 6 =$

8)  $7 \times 8 =$

3)  $8 \times 7 =$

9)  $8 \times 9 =$

4)  $7 \times 6 =$

10)  $6 \times 7 =$

5)  $9 \times 6 =$

11)  $6 \times 8 =$

6)  $7 \times 9 =$

12)  $7 \times 7 =$

## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $6 \times 8 =$

7)  $8 \times 6 =$

2)  $7 \times 7 =$

8)  $9 \times 8 =$

3)  $6 \times 9 =$

9)  $7 \times 7 =$

4)  $6 \times 6 =$

10)  $6 \times 6 =$

5)  $7 \times 6 =$

11)  $6 \times 8 =$

6)  $9 \times 7 =$

12)  $6 \times 9 =$

## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $8 \times 8 =$

7)  $8 \times 6 =$

2)  $6 \times 6 =$

8)  $7 \times 7 =$

3)  $8 \times 6 =$

9)  $9 \times 8 =$

4)  $6 \times 9 =$

10)  $8 \times 6 =$

5)  $9 \times 8 =$

11)  $8 \times 7 =$

6)  $8 \times 8 =$

12)  $9 \times 9 =$

## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $8 \times 7 =$

7)  $9 \times 9 =$

2)  $8 \times 9 =$

8)  $6 \times 6 =$

3)  $8 \times 7 =$

9)  $8 \times 6 =$

4)  $9 \times 6 =$

10)  $9 \times 7 =$

5)  $6 \times 7 =$

11)  $6 \times 8 =$

6)  $9 \times 6 =$

12)  $7 \times 8 =$

## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $6 \times 6 =$

7)  $7 \times 7 =$

2)  $7 \times 6 =$

8)  $6 \times 7 =$

3)  $7 \times 9 =$

9)  $9 \times 7 =$

4)  $6 \times 8 =$

10)  $7 \times 6 =$

5)  $7 \times 6 =$

11)  $6 \times 9 =$

6)  $9 \times 7 =$

12)  $7 \times 9 =$

## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $6 \times 6 =$

7)  $9 \times 8 =$

2)  $6 \times 7 =$

8)  $7 \times 7 =$

3)  $9 \times 7 =$

9)  $9 \times 7 =$

4)  $6 \times 9 =$

10)  $7 \times 8 =$

5)  $9 \times 9 =$

11)  $7 \times 6 =$

6)  $6 \times 6 =$

12)  $6 \times 6 =$

## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $6 \times 7 =$

7)  $8 \times 6 =$

2)  $9 \times 9 =$

8)  $9 \times 7 =$

3)  $7 \times 9 =$

9)  $6 \times 7 =$

4)  $9 \times 8 =$

10)  $6 \times 9 =$

5)  $7 \times 7 =$

11)  $8 \times 7 =$

6)  $7 \times 6 =$

12)  $8 \times 6 =$

## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $9 \times 6 =$

7)  $7 \times 8 =$

2)  $7 \times 8 =$

8)  $8 \times 9 =$

3)  $8 \times 6 =$

9)  $6 \times 6 =$

4)  $8 \times 8 =$

10)  $8 \times 6 =$

5)  $9 \times 8 =$

11)  $8 \times 7 =$

6)  $8 \times 6 =$

12)  $7 \times 9 =$



## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $7 \times 6 =$

7)  $7 \times 8 =$

2)  $9 \times 8 =$

8)  $9 \times 6 =$

3)  $9 \times 6 =$

9)  $8 \times 9 =$

4)  $9 \times 9 =$

10)  $9 \times 7 =$

5)  $8 \times 8 =$

11)  $9 \times 6 =$

6)  $9 \times 7 =$

12)  $9 \times 7 =$

## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $8 \times 7 =$

7)  $8 \times 8 =$

2)  $6 \times 7 =$

8)  $6 \times 9 =$

3)  $8 \times 8 =$

9)  $8 \times 6 =$

4)  $8 \times 6 =$

10)  $6 \times 7 =$

5)  $8 \times 7 =$

11)  $9 \times 6 =$

6)  $6 \times 6 =$

12)  $8 \times 6 =$

## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $8 \times 9 =$

7)  $7 \times 9 =$

2)  $7 \times 9 =$

8)  $6 \times 8 =$

3)  $7 \times 8 =$

9)  $6 \times 7 =$

4)  $6 \times 8 =$

10)  $7 \times 7 =$

5)  $7 \times 9 =$

11)  $6 \times 6 =$

6)  $9 \times 9 =$

12)  $9 \times 6 =$

## Section 1. Revision: 6x6 to 9x9

*Solve each problem and write the answer in the box.*

1)  $9 \times 7 =$

7)  $9 \times 9 =$

2)  $9 \times 9 =$

8)  $7 \times 8 =$

3)  $7 \times 6 =$

9)  $6 \times 8 =$

4)  $9 \times 7 =$

10)  $8 \times 8 =$

5)  $9 \times 6 =$

11)  $6 \times 7 =$

6)  $9 \times 8 =$

12)  $7 \times 9 =$

## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $9 \times 13 =$

7)  $5 \times 10 =$

2)  $8 \times 13 =$

8)  $6 \times 13 =$

3)  $7 \times 12 =$

9)  $5 \times 11 =$

4)  $6 \times 11 =$

10)  $6 \times 9 =$

5)  $3 \times 10 =$

11)  $10 \times 11 =$

6)  $3 \times 13 =$

12)  $9 \times 9 =$

## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $4 \times 9 =$

7)  $2 \times 9 =$

2)  $8 \times 11 =$

8)  $5 \times 9 =$

3)  $9 \times 11 =$

9)  $5 \times 10 =$

4)  $6 \times 9 =$

10)  $3 \times 13 =$

5)  $2 \times 13 =$

11)  $4 \times 13 =$

6)  $7 \times 10 =$

12)  $4 \times 11 =$

## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $11 \times 9 =$

7)  $2 \times 12 =$

2)  $11 \times 12 =$

8)  $3 \times 12 =$

3)  $5 \times 9 =$

9)  $9 \times 10 =$

4)  $3 \times 11 =$

10)  $4 \times 13 =$

5)  $10 \times 12 =$

11)  $11 \times 13 =$

6)  $3 \times 13 =$

12)  $9 \times 12 =$

## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $7 \times 10 =$

7)  $10 \times 9 =$

2)  $6 \times 12 =$

8)  $3 \times 10 =$

3)  $9 \times 13 =$

9)  $9 \times 12 =$

4)  $7 \times 9 =$

10)  $2 \times 9 =$

5)  $5 \times 11 =$

11)  $5 \times 12 =$

6)  $7 \times 11 =$

12)  $6 \times 13 =$



## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $10 \times 12 =$

7)  $4 \times 11 =$

2)  $2 \times 10 =$

8)  $5 \times 9 =$

3)  $11 \times 12 =$

9)  $3 \times 10 =$

4)  $10 \times 10 =$

10)  $6 \times 13 =$

5)  $9 \times 12 =$

11)  $8 \times 12 =$

6)  $2 \times 13 =$

12)  $5 \times 12 =$

## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $11 \times 11 =$

7)  $4 \times 13 =$

2)  $9 \times 12 =$

8)  $3 \times 10 =$

3)  $4 \times 9 =$

9)  $10 \times 12 =$

4)  $9 \times 9 =$

10)  $6 \times 13 =$

5)  $8 \times 12 =$

11)  $5 \times 11 =$

6)  $11 \times 9 =$

12)  $4 \times 10 =$

## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $10 \times 9 =$

7)  $8 \times 9 =$

2)  $2 \times 12 =$

8)  $4 \times 11 =$

3)  $11 \times 12 =$

9)  $3 \times 9 =$

4)  $2 \times 10 =$

10)  $6 \times 13 =$

5)  $6 \times 12 =$

11)  $9 \times 9 =$

6)  $5 \times 11 =$

12)  $10 \times 13 =$

## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $9 \times 9 =$

7)  $6 \times 10 =$

2)  $8 \times 11 =$

8)  $7 \times 12 =$

3)  $2 \times 9 =$

9)  $7 \times 9 =$

4)  $11 \times 13 =$

10)  $6 \times 12 =$

5)  $6 \times 13 =$

11)  $6 \times 11 =$

6)  $4 \times 12 =$

12)  $8 \times 13 =$

## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $11 \times 11 =$

7)  $6 \times 12 =$

2)  $6 \times 9 =$

8)  $3 \times 11 =$

3)  $11 \times 12 =$

9)  $8 \times 10 =$

4)  $5 \times 13 =$

10)  $4 \times 13 =$

5)  $5 \times 10 =$

11)  $10 \times 13 =$

6)  $4 \times 9 =$

12)  $4 \times 11 =$

## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $8 \times 10 =$

7)  $7 \times 11 =$

2)  $3 \times 11 =$

8)  $9 \times 11 =$

3)  $7 \times 13 =$

9)  $5 \times 13 =$

4)  $2 \times 11 =$

10)  $5 \times 12 =$

5)  $11 \times 13 =$

11)  $7 \times 12 =$

6)  $4 \times 12 =$

12)  $2 \times 10 =$

## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $3 \times 12 =$

7)  $11 \times 9 =$

2)  $10 \times 12 =$

8)  $6 \times 10 =$

3)  $4 \times 12 =$

9)  $8 \times 9 =$

4)  $7 \times 13 =$

10)  $9 \times 10 =$

5)  $3 \times 11 =$

11)  $2 \times 9 =$

6)  $7 \times 12 =$

12)  $2 \times 11 =$

## Section 2. Multiplication: 2x11 to 9x13

*Solve each problem and write the answer in the box.*

1)  $7 \times 12 =$

7)  $6 \times 13 =$

2)  $5 \times 13 =$

8)  $3 \times 12 =$

3)  $11 \times 10 =$

9)  $11 \times 11 =$

4)  $4 \times 9 =$

10)  $6 \times 12 =$

5)  $9 \times 11 =$

11)  $5 \times 12 =$

6)  $6 \times 9 =$

12)  $3 \times 10 =$



## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $2 \times 9 =$

7)  $11 \times 13 =$

2)  $8 \times 15 =$

8)  $10 \times 15 =$

3)  $9 \times 16 =$

9)  $3 \times 12 =$

4)  $3 \times 14 =$

10)  $9 \times 12 =$

5)  $3 \times 11 =$

11)  $7 \times 16 =$

6)  $11 \times 14 =$

12)  $8 \times 10 =$

## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $6 \times 14 =$

7)  $7 \times 10 =$

2)  $9 \times 10 =$

8)  $9 \times 9 =$

3)  $5 \times 15 =$

9)  $11 \times 12 =$

4)  $3 \times 15 =$

10)  $9 \times 13 =$

5)  $6 \times 10 =$

11)  $3 \times 11 =$

6)  $7 \times 13 =$

12)  $2 \times 13 =$

## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $3 \times 10 =$

7)  $5 \times 16 =$

2)  $10 \times 11 =$

8)  $5 \times 14 =$

3)  $9 \times 14 =$

9)  $7 \times 14 =$

4)  $11 \times 11 =$

10)  $8 \times 13 =$

5)  $3 \times 16 =$

11)  $5 \times 9 =$

6)  $6 \times 9 =$

12)  $7 \times 12 =$

## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $11 \times 12 =$

7)  $4 \times 9 =$

2)  $10 \times 12 =$

8)  $4 \times 13 =$

3)  $5 \times 14 =$

9)  $4 \times 15 =$

4)  $11 \times 9 =$

10)  $3 \times 16 =$

5)  $4 \times 11 =$

11)  $7 \times 10 =$

6)  $4 \times 10 =$

12)  $10 \times 13 =$

## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $7 \times 15 =$

7)  $10 \times 10 =$

2)  $8 \times 13 =$

8)  $6 \times 14 =$

3)  $8 \times 9 =$

9)  $7 \times 11 =$

4)  $4 \times 16 =$

10)  $7 \times 14 =$

5)  $3 \times 15 =$

11)  $5 \times 10 =$

6)  $5 \times 15 =$

12)  $6 \times 12 =$

## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $8 \times 14 =$

7)  $7 \times 10 =$

2)  $7 \times 11 =$

8)  $4 \times 16 =$

3)  $3 \times 10 =$

9)  $3 \times 14 =$

4)  $3 \times 15 =$

10)  $3 \times 13 =$

5)  $11 \times 14 =$

11)  $8 \times 9 =$

6)  $2 \times 13 =$

12)  $2 \times 11 =$

## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $6 \times 14 =$

7)  $4 \times 14 =$

2)  $2 \times 11 =$

8)  $7 \times 10 =$

3)  $11 \times 15 =$

9)  $4 \times 11 =$

4)  $4 \times 9 =$

10)  $3 \times 13 =$

5)  $10 \times 12 =$

11)  $8 \times 13 =$

6)  $8 \times 16 =$

12)  $10 \times 10 =$

## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $8 \times 10 =$

7)  $7 \times 10 =$

2)  $11 \times 16 =$

8)  $9 \times 15 =$

3)  $2 \times 12 =$

9)  $4 \times 15 =$

4)  $11 \times 9 =$

10)  $10 \times 14 =$

5)  $5 \times 13 =$

11)  $8 \times 9 =$

6)  $4 \times 13 =$

12)  $2 \times 16 =$



## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $6 \times 16 =$

7)  $6 \times 10 =$

2)  $7 \times 16 =$

8)  $8 \times 10 =$

3)  $6 \times 15 =$

9)  $9 \times 14 =$

4)  $4 \times 12 =$

10)  $8 \times 9 =$

5)  $6 \times 9 =$

11)  $10 \times 14 =$

6)  $7 \times 10 =$

12)  $5 \times 9 =$

## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $11 \times 11 =$

7)  $7 \times 10 =$

2)  $4 \times 16 =$

8)  $9 \times 16 =$

3)  $11 \times 16 =$

9)  $2 \times 14 =$

4)  $7 \times 11 =$

10)  $3 \times 10 =$

5)  $3 \times 16 =$

11)  $9 \times 9 =$

6)  $6 \times 13 =$

12)  $11 \times 12 =$

## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $11 \times 16 =$

7)  $8 \times 14 =$

2)  $2 \times 16 =$

8)  $3 \times 15 =$

3)  $7 \times 10 =$

9)  $6 \times 11 =$

4)  $2 \times 12 =$

10)  $3 \times 11 =$

5)  $9 \times 11 =$

11)  $6 \times 15 =$

6)  $7 \times 13 =$

12)  $11 \times 10 =$

## Section 3. Multiplication: 2x11 to 9x16

*Solve each problem and write the answer in the box.*

1)  $10 \times 15 =$

7)  $3 \times 9 =$

2)  $4 \times 10 =$

8)  $11 \times 11 =$

3)  $10 \times 14 =$

9)  $4 \times 11 =$

4)  $7 \times 13 =$

10)  $2 \times 15 =$

5)  $5 \times 14 =$

11)  $5 \times 16 =$

6)  $5 \times 12 =$

12)  $9 \times 12 =$

## Section 4. Multiplication: 2x11 to 10x18

*Solve each problem and write the answer in the box.*

1)  $7 \times 14 =$

7)  $2 \times 12 =$

2)  $9 \times 16 =$

8)  $5 \times 15 =$

3)  $9 \times 15 =$

9)  $8 \times 10 =$

4)  $2 \times 15 =$

10)  $9 \times 11 =$

5)  $6 \times 10 =$

11)  $10 \times 15 =$

6)  $8 \times 15 =$

12)  $3 \times 10 =$

## Section 4. Multiplication: 2x11 to 10x18

*Solve each problem and write the answer in the box.*

1)  $3 \times 15 =$

7)  $3 \times 14 =$

2)  $4 \times 10 =$

8)  $6 \times 11 =$

3)  $9 \times 12 =$

9)  $5 \times 16 =$

4)  $9 \times 10 =$

10)  $3 \times 11 =$

5)  $2 \times 14 =$

11)  $11 \times 18 =$

6)  $4 \times 18 =$

12)  $10 \times 13 =$

## Section 4. Multiplication: 2x11 to 10x18

*Solve each problem and write the answer in the box.*

1)  $6 \times 16 =$

7)  $2 \times 15 =$

2)  $11 \times 15 =$

8)  $7 \times 13 =$

3)  $11 \times 16 =$

9)  $4 \times 17 =$

4)  $3 \times 18 =$

10)  $4 \times 12 =$

5)  $8 \times 17 =$

11)  $9 \times 10 =$

6)  $8 \times 15 =$

12)  $5 \times 10 =$

Section 4. Multiplication:  $2 \times 11$  to  $10 \times 18$ 

*Solve each problem and write the answer in the box.*

1)  $2 \times 15 =$

7)  $9 \times 16 =$

2)  $10 \times 16 =$

8)  $4 \times 17 =$

3)  $6 \times 10 =$

9)  $7 \times 18 =$

4)  $6 \times 15 =$

10)  $3 \times 16 =$

5)  $7 \times 14 =$

11)  $8 \times 12 =$

6)  $7 \times 16 =$

12)  $7 \times 11 =$



## Section 4. Multiplication: 2x11 to 10x18

*Solve each problem and write the answer in the box.*

1)  $9 \times 13 =$

7)  $5 \times 12 =$

2)  $11 \times 12 =$

8)  $2 \times 14 =$

3)  $7 \times 15 =$

9)  $11 \times 16 =$

4)  $4 \times 15 =$

10)  $10 \times 17 =$

5)  $7 \times 13 =$

11)  $6 \times 17 =$

6)  $3 \times 14 =$

12)  $3 \times 16 =$

## Section 4. Multiplication: 2x11 to 10x18

*Solve each problem and write the answer in the box.*

1)  $9 \times 18 =$

7)  $9 \times 11 =$

2)  $10 \times 11 =$

8)  $7 \times 11 =$

3)  $6 \times 17 =$

9)  $6 \times 12 =$

4)  $11 \times 14 =$

10)  $7 \times 18 =$

5)  $5 \times 11 =$

11)  $3 \times 13 =$

6)  $3 \times 17 =$

12)  $5 \times 17 =$

## Section 4. Multiplication: 2x11 to 10x18

*Solve each problem and write the answer in the box.*

1)  $7 \times 18 =$

7)  $4 \times 18 =$

2)  $9 \times 18 =$

8)  $4 \times 16 =$

3)  $11 \times 11 =$

9)  $3 \times 18 =$

4)  $6 \times 16 =$

10)  $6 \times 12 =$

5)  $10 \times 16 =$

11)  $7 \times 13 =$

6)  $7 \times 11 =$

12)  $10 \times 14 =$

## Section 4. Multiplication: 2x11 to 10x18

*Solve each problem and write the answer in the box.*

1)  $6 \times 13 =$

7)  $11 \times 16 =$

2)  $4 \times 14 =$

8)  $9 \times 18 =$

3)  $10 \times 12 =$

9)  $6 \times 17 =$

4)  $4 \times 15 =$

10)  $8 \times 14 =$

5)  $2 \times 11 =$

11)  $3 \times 10 =$

6)  $11 \times 14 =$

12)  $9 \times 16 =$

## Section 4. Multiplication: 2x11 to 10x18

*Solve each problem and write the answer in the box.*

1)  $9 \times 15 =$

7)  $5 \times 18 =$

2)  $6 \times 11 =$

8)  $10 \times 14 =$

3)  $8 \times 15 =$

9)  $3 \times 13 =$

4)  $6 \times 10 =$

10)  $2 \times 18 =$

5)  $3 \times 15 =$

11)  $5 \times 10 =$

6)  $6 \times 17 =$

12)  $3 \times 12 =$

## Section 4. Multiplication: 2x11 to 10x18

*Solve each problem and write the answer in the box.*

1)  $5 \times 13 =$

7)  $2 \times 16 =$

2)  $2 \times 10 =$

8)  $11 \times 18 =$

3)  $9 \times 17 =$

9)  $7 \times 18 =$

4)  $10 \times 10 =$

10)  $3 \times 16 =$

5)  $8 \times 12 =$

11)  $10 \times 14 =$

6)  $7 \times 16 =$

12)  $4 \times 11 =$

## Section 4. Multiplication: 2x11 to 10x18

*Solve each problem and write the answer in the box.*

1)  $7 \times 15 =$

7)  $8 \times 14 =$

2)  $4 \times 13 =$

8)  $10 \times 18 =$

3)  $10 \times 10 =$

9)  $11 \times 14 =$

4)  $2 \times 12 =$

10)  $2 \times 15 =$

5)  $9 \times 18 =$

11)  $3 \times 16 =$

6)  $4 \times 18 =$

12)  $2 \times 17 =$

## Section 4. Multiplication: 2x11 to 10x18

*Solve each problem and write the answer in the box.*

1)  $11 \times 13 =$

7)  $10 \times 17 =$

2)  $11 \times 17 =$

8)  $4 \times 18 =$

3)  $10 \times 16 =$

9)  $10 \times 15 =$

4)  $5 \times 10 =$

10)  $4 \times 17 =$

5)  $7 \times 16 =$

11)  $5 \times 14 =$

6)  $8 \times 13 =$

12)  $5 \times 17 =$



## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $9 \times 15 =$

7)  $8 \times 12 =$

2)  $7 \times 17 =$

8)  $12 \times 14 =$

3)  $9 \times 13 =$

9)  $8 \times 17 =$

4)  $10 \times 9 =$

10)  $12 \times 13 =$

5)  $7 \times 14 =$

11)  $10 \times 12 =$

6)  $12 \div 6 =$

12)  $9 \times 9 =$

## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $10 \times 8 =$

7)  $6 \times 17 =$

2)  $12 \times 10 =$

8)  $7 \times 15 =$

3)  $12 \times 7 =$

9)  $7 \times 8 =$

4)  $10 \times 17 =$

10)  $6 \times 10 =$

5)  $6 \times 12 =$

11)  $8 \times 16 =$

6)  $12 \div 6 =$

12)  $6 \times 16 =$

## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $9 \times 10 =$

7)  $6 \times 14 =$

2)  $9 \times 16 =$

8)  $10 \times 14 =$

3)  $11 \times 10 =$

9)  $7 \times 11 =$

4)  $7 \times 8 =$

10)  $11 \times 15 =$

5)  $12 \times 9 =$

11)  $9 \times 8 =$

6)  $10 \times 13 =$

12)  $11 \times 9 =$

## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $6 \times 12 =$

7)  $7 \times 14 =$

2)  $10 \times 6 =$

8)  $11 \times 9 =$

3)  $9 \times 6 =$

9)  $8 \times 9 =$

4)  $12 \times 8 =$

10)  $6 \times 18 =$

5)  $11 \times 16 =$

11)  $7 \times 9 =$

6)  $11 \times 11 =$

12)  $6 \times 15 =$

## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $12 \times 17 =$

7)  $11 \times 7 =$

2)  $10 \times 17 =$

8)  $8 \times 8 =$

3)  $12 \div 6 =$

9)  $11 \times 12 =$

4)  $8 \times 15 =$

10)  $6 \times 6 =$

5)  $8 \times 14 =$

11)  $6 \times 8 =$

6)  $11 \times 15 =$

12)  $6 \times 11 =$

## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $9 \times 11 =$

7)  $7 \times 9 =$

2)  $10 \times 17 =$

8)  $11 \times 18 =$

3)  $6 \times 10 =$

9)  $12 \times 17 =$

4)  $12 \times 7 =$

10)  $12 \div 6 =$

5)  $12 \times 18 =$

11)  $7 \times 11 =$

6)  $9 \times 9 =$

12)  $9 \times 15 =$

## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $9 \times 14 =$

7)  $6 \times 17 =$

2)  $11 \times 18 =$

8)  $6 \times 9 =$

3)  $11 \times 14 =$

9)  $10 \times 16 =$

4)  $10 \times 6 =$

10)  $12 \div 6 =$

5)  $12 \times 16 =$

11)  $6 \times 7 =$

6)  $12 \times 6 =$

12)  $7 \times 9 =$

## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $11 \times 9 =$

7)  $7 \times 17 =$

2)  $11 \times 16 =$

8)  $6 \times 16 =$

3)  $6 \times 12 =$

9)  $7 \times 11 =$

4)  $12 \div 6 =$

10)  $7 \times 15 =$

5)  $6 \times 13 =$

11)  $12 \times 17 =$

6)  $10 \times 6 =$

12)  $10 \times 12 =$



## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $9 \times 15 =$

7)  $12 \times 16 =$

2)  $11 \times 9 =$

8)  $8 \times 7 =$

3)  $8 \times 18 =$

9)  $8 \times 17 =$

4)  $10 \times 7 =$

10)  $10 \times 12 =$

5)  $8 \times 11 =$

11)  $10 \times 8 =$

6)  $9 \times 7 =$

12)  $7 \times 11 =$

## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $10 \times 15 =$

7)  $7 \times 12 =$

2)  $8 \times 12 =$

8)  $8 \times 10 =$

3)  $11 \times 14 =$

9)  $11 \times 16 =$

4)  $10 \times 14 =$

10)  $9 \times 7 =$

5)  $11 \times 12 =$

11)  $8 \times 6 =$

6)  $7 \times 10 =$

12)  $8 \times 11 =$

## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $9 \times 11 =$

7)  $12 \times 18 =$

2)  $8 \times 12 =$

8)  $11 \times 12 =$

3)  $10 \times 9 =$

9)  $6 \times 18 =$

4)  $11 \times 18 =$

10)  $11 \times 16 =$

5)  $11 \times 13 =$

11)  $10 \times 16 =$

6)  $9 \times 18 =$

12)  $6 \times 10 =$

## Section 5. Revision: 6-12 x 6-18

*Solve each problem and write the answer in the box.*

1)  $10 \times 17 =$

7)  $9 \times 17 =$

2)  $9 \times 11 =$

8)  $6 \times 11 =$

3)  $8 \times 6 =$

9)  $11 \times 18 =$

4)  $6 \times 17 =$

10)  $12 \times 12 =$

5)  $8 \times 10 =$

11)  $7 \times 16 =$

6)  $10 \times 13 =$

12)  $11 \times 15 =$

## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 10 =$

7)  $12 \times 10 =$

2)  $12 \times 12 =$

8)  $12 \times 12 =$

3)  $12 \times 11 =$

9)  $12 \times 11 =$

4)  $12 \times 12 =$

10)  $12 \times 10 =$

5)  $12 \times 10 =$

11)  $12 \times 12 =$

6)  $12 \times 11 =$

12)  $12 \times 11 =$

## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 11 =$

7)  $12 \times 12 =$

2)  $12 \times 10 =$

8)  $12 \times 11 =$

3)  $12 \times 12 =$

9)  $12 \times 12 =$

4)  $12 \times 10 =$

10)  $12 \times 11 =$

5)  $12 \times 11 =$

11)  $12 \times 10 =$

6)  $12 \times 10 =$

12)  $12 \times 12 =$

## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 11 =$

7)  $12 \times 12 =$

2)  $12 \times 12 =$

8)  $12 \times 11 =$

3)  $12 \times 10 =$

9)  $12 \times 12 =$

4)  $12 \times 11 =$

10)  $12 \times 10 =$

5)  $12 \times 10 =$

11)  $12 \times 11 =$

6)  $12 \times 11 =$

12)  $12 \times 10 =$

## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 10 =$

7)  $12 \times 10 =$

2)  $12 \times 11 =$

8)  $12 \times 12 =$

3)  $12 \times 10 =$

9)  $12 \times 10 =$

4)  $12 \times 12 =$

10)  $12 \times 11 =$

5)  $12 \times 10 =$

11)  $12 \times 10 =$

6)  $12 \times 12 =$

12)  $12 \times 11 =$



## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 10 =$

7)  $12 \times 12 =$

2)  $12 \times 11 =$

8)  $12 \times 11 =$

3)  $12 \times 12 =$

9)  $12 \times 10 =$

4)  $12 \times 10 =$

10)  $12 \times 12 =$

5)  $12 \times 12 =$

11)  $12 \times 10 =$

6)  $12 \times 10 =$

12)  $12 \times 11 =$

## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 12 =$

7)  $12 \times 12 =$

2)  $12 \times 10 =$

8)  $12 \times 10 =$

3)  $12 \times 12 =$

9)  $12 \times 11 =$

4)  $12 \times 11 =$

10)  $12 \times 12 =$

5)  $12 \times 12 =$

11)  $12 \times 10 =$

6)  $12 \times 10 =$

12)  $12 \times 12 =$

## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 11 =$

7)  $12 \times 12 =$

2)  $12 \times 12 =$

8)  $12 \times 10 =$

3)  $12 \times 11 =$

9)  $12 \times 11 =$

4)  $12 \times 12 =$

10)  $12 \times 10 =$

5)  $12 \times 11 =$

11)  $12 \times 12 =$

6)  $12 \times 10 =$

12)  $12 \times 11 =$

## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 12 =$

7)  $12 \times 11 =$

2)  $12 \times 10 =$

8)  $12 \times 12 =$

3)  $12 \times 12 =$

9)  $12 \times 11 =$

4)  $12 \times 10 =$

10)  $12 \times 10 =$

5)  $12 \times 11 =$

11)  $12 \times 11 =$

6)  $12 \times 12 =$

12)  $12 \times 12 =$

## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 12 =$

7)  $12 \times 11 =$

2)  $12 \times 10 =$

8)  $12 \times 10 =$

3)  $12 \times 11 =$

9)  $12 \times 11 =$

4)  $12 \times 10 =$

10)  $12 \times 10 =$

5)  $12 \times 11 =$

11)  $12 \times 11 =$

6)  $12 \times 12 =$

12)  $12 \times 10 =$

## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 10 =$

7)  $12 \times 10 =$

2)  $12 \times 11 =$

8)  $12 \times 11 =$

3)  $12 \times 10 =$

9)  $12 \times 12 =$

4)  $12 \times 11 =$

10)  $12 \times 11 =$

5)  $12 \times 10 =$

11)  $12 \times 10 =$

6)  $12 \times 12 =$

12)  $12 \times 12 =$

## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 11 =$

7)  $12 \times 12 =$

2)  $12 \times 10 =$

8)  $12 \times 10 =$

3)  $12 \times 12 =$

9)  $12 \times 12 =$

4)  $12 \times 11 =$

10)  $12 \times 10 =$

5)  $12 \times 12 =$

11)  $12 \times 12 =$

6)  $12 \times 11 =$

12)  $12 \times 11 =$

## Section 6. Multiplication: 12x10 to 12x12

*Solve each problem and write the answer in the box.*

1)  $12 \times 11 =$

7)  $12 \times 10 =$

2)  $12 \times 10 =$

8)  $12 \times 12 =$

3)  $12 \times 11 =$

9)  $12 \times 10 =$

4)  $12 \times 10 =$

10)  $12 \times 12 =$

5)  $12 \times 12 =$

11)  $12 \times 11 =$

6)  $12 \times 11 =$

12)  $12 \times 10 =$



## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 13 =$

7)  $12 \times 13 =$

2)  $12 \times 15 =$

8)  $12 \times 15 =$

3)  $12 \times 13 =$

9)  $12 \times 13 =$

4)  $12 \times 15 =$

10)  $12 \times 14 =$

5)  $12 \times 14 =$

11)  $12 \times 13 =$

6)  $12 \times 16 =$

12)  $12 \times 15 =$

## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 16 =$

7)  $12 \times 13 =$

2)  $12 \times 13 =$

8)  $12 \times 16 =$

3)  $12 \times 16 =$

9)  $12 \times 15 =$

4)  $12 \times 13 =$

10)  $12 \times 13 =$

5)  $12 \times 14 =$

11)  $12 \times 14 =$

6)  $12 \times 15 =$

12)  $12 \times 13 =$

## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 15 =$

7)  $12 \times 15 =$

2)  $12 \times 16 =$

8)  $12 \times 13 =$

3)  $12 \times 14 =$

9)  $12 \times 16 =$

4)  $12 \times 15 =$

10)  $12 \times 14 =$

5)  $12 \times 13 =$

11)  $12 \times 13 =$

6)  $12 \times 16 =$

12)  $12 \times 16 =$

## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 15 =$

7)  $12 \times 15 =$

2)  $12 \times 13 =$

8)  $12 \times 16 =$

3)  $12 \times 15 =$

9)  $12 \times 15 =$

4)  $12 \times 13 =$

10)  $12 \times 16 =$

5)  $12 \times 16 =$

11)  $12 \times 15 =$

6)  $12 \times 13 =$

12)  $12 \times 16 =$

## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 15 =$

7)  $12 \times 15 =$

2)  $12 \times 14 =$

8)  $12 \times 13 =$

3)  $12 \times 16 =$

9)  $12 \times 14 =$

4)  $12 \times 14 =$

10)  $12 \times 15 =$

5)  $12 \times 15 =$

11)  $12 \times 14 =$

6)  $12 \times 13 =$

12)  $12 \times 13 =$

## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 15 =$

7)  $12 \times 16 =$

2)  $12 \times 13 =$

8)  $12 \times 14 =$

3)  $12 \times 15 =$

9)  $12 \times 13 =$

4)  $12 \times 14 =$

10)  $12 \times 14 =$

5)  $12 \times 15 =$

11)  $12 \times 15 =$

6)  $12 \times 13 =$

12)  $12 \times 14 =$

## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 16 =$

7)  $12 \times 14 =$

2)  $12 \times 15 =$

8)  $12 \times 15 =$

3)  $12 \times 13 =$

9)  $12 \times 16 =$

4)  $12 \times 15 =$

10)  $12 \times 14 =$

5)  $12 \times 14 =$

11)  $12 \times 16 =$

6)  $12 \times 13 =$

12)  $12 \times 14 =$

## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 13 =$

7)  $12 \times 13 =$

2)  $12 \times 15 =$

8)  $12 \times 14 =$

3)  $12 \times 13 =$

9)  $12 \times 16 =$

4)  $12 \times 14 =$

10)  $12 \times 14 =$

5)  $12 \times 15 =$

11)  $12 \times 15 =$

6)  $12 \times 16 =$

12)  $12 \times 13 =$



## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 14 =$

7)  $12 \times 13 =$

2)  $12 \times 16 =$

8)  $12 \times 15 =$

3)  $12 \times 13 =$

9)  $12 \times 13 =$

4)  $12 \times 15 =$

10)  $12 \times 14 =$

5)  $12 \times 14 =$

11)  $12 \times 15 =$

6)  $12 \times 16 =$

12)  $12 \times 13 =$

## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 14 =$

7)  $12 \times 13 =$

2)  $12 \times 13 =$

8)  $12 \times 14 =$

3)  $12 \times 16 =$

9)  $12 \times 15 =$

4)  $12 \times 13 =$

10)  $12 \times 16 =$

5)  $12 \times 14 =$

11)  $12 \times 15 =$

6)  $12 \times 15 =$

12)  $12 \times 13 =$

## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 16 =$

7)  $12 \times 16 =$

2)  $12 \times 13 =$

8)  $12 \times 13 =$

3)  $12 \times 14 =$

9)  $12 \times 14 =$

4)  $12 \times 15 =$

10)  $12 \times 16 =$

5)  $12 \times 13 =$

11)  $12 \times 15 =$

6)  $12 \times 15 =$

12)  $12 \times 13 =$

## Section 7. Multiplication: 12x13 to 12x16

*Solve each problem and write the answer in the box.*

1)  $12 \times 16 =$

7)  $12 \times 15 =$

2)  $12 \times 13 =$

8)  $12 \times 14 =$

3)  $12 \times 14 =$

9)  $12 \times 16 =$

4)  $12 \times 16 =$

10)  $12 \times 13 =$

5)  $12 \times 14 =$

11)  $12 \times 16 =$

6)  $12 \times 13 =$

12)  $12 \times 15 =$

## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 19 =$

7)  $12 \times 18 =$

2)  $12 \times 18 =$

8)  $12 \times 17 =$

3)  $12 \times 20 =$

9)  $12 \times 20 =$

4)  $12 \times 19 =$

10)  $12 \times 17 =$

5)  $12 \times 17 =$

11)  $12 \times 18 =$

6)  $12 \times 19 =$

12)  $12 \times 20 =$

## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 20 =$

7)  $12 \times 20 =$

2)  $12 \times 17 =$

8)  $12 \times 19 =$

3)  $12 \times 18 =$

9)  $12 \times 18 =$

4)  $12 \times 17 =$

10)  $12 \times 19 =$

5)  $12 \times 18 =$

11)  $12 \times 18 =$

6)  $12 \times 17 =$

12)  $12 \times 17 =$

## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 20 =$

7)  $12 \times 17 =$

2)  $12 \times 17 =$

8)  $12 \times 20 =$

3)  $12 \times 20 =$

9)  $12 \times 17 =$

4)  $12 \times 17 =$

10)  $12 \times 20 =$

5)  $12 \times 18 =$

11)  $12 \times 18 =$

6)  $12 \times 20 =$

12)  $12 \times 20 =$

## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 18 =$

7)  $12 \times 19 =$

2)  $12 \times 20 =$

8)  $12 \times 18 =$

3)  $12 \times 19 =$

9)  $12 \times 17 =$

4)  $12 \times 18 =$

10)  $12 \times 18 =$

5)  $12 \times 19 =$

11)  $12 \times 19 =$

6)  $12 \times 17 =$

12)  $12 \times 20 =$



## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 17 =$

7)  $12 \times 19 =$

2)  $12 \times 18 =$

8)  $12 \times 20 =$

3)  $12 \times 19 =$

9)  $12 \times 17 =$

4)  $12 \times 18 =$

10)  $12 \times 18 =$

5)  $12 \times 20 =$

11)  $12 \times 19 =$

6)  $12 \times 17 =$

12)  $12 \times 17 =$

## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 20 =$

7)  $12 \times 19 =$

2)  $12 \times 17 =$

8)  $12 \times 17 =$

3)  $12 \times 19 =$

9)  $12 \times 20 =$

4)  $12 \times 20 =$

10)  $12 \times 18 =$

5)  $12 \times 17 =$

11)  $12 \times 20 =$

6)  $12 \times 18 =$

12)  $12 \times 18 =$

## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 18 =$

7)  $12 \times 17 =$

2)  $12 \times 17 =$

8)  $12 \times 20 =$

3)  $12 \times 19 =$

9)  $12 \times 19 =$

4)  $12 \times 17 =$

10)  $12 \times 17 =$

5)  $12 \times 19 =$

11)  $12 \times 18 =$

6)  $12 \times 18 =$

12)  $12 \times 19 =$

## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 20 =$

7)  $12 \times 20 =$

2)  $12 \times 19 =$

8)  $12 \times 18 =$

3)  $12 \times 17 =$

9)  $12 \times 20 =$

4)  $12 \times 19 =$

10)  $12 \times 18 =$

5)  $12 \times 17 =$

11)  $12 \times 20 =$

6)  $12 \times 18 =$

12)  $12 \times 18 =$

## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 17 =$

7)  $12 \times 19 =$

2)  $12 \times 18 =$

8)  $12 \times 18 =$

3)  $12 \times 17 =$

9)  $12 \times 17 =$

4)  $12 \times 19 =$

10)  $12 \times 20 =$

5)  $12 \times 18 =$

11)  $12 \times 19 =$

6)  $12 \times 17 =$

12)  $12 \times 20 =$

## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 18 =$

7)  $12 \times 18 =$

2)  $12 \times 19 =$

8)  $12 \times 19 =$

3)  $12 \times 18 =$

9)  $12 \times 17 =$

4)  $12 \times 17 =$

10)  $12 \times 18 =$

5)  $12 \times 19 =$

11)  $12 \times 20 =$

6)  $12 \times 20 =$

12)  $12 \times 19 =$

## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 20 =$

7)  $12 \times 20 =$

2)  $12 \times 17 =$

8)  $12 \times 19 =$

3)  $12 \times 20 =$

9)  $12 \times 18 =$

4)  $12 \times 18 =$

10)  $12 \times 17 =$

5)  $12 \times 17 =$

11)  $12 \times 18 =$

6)  $12 \times 18 =$

12)  $12 \times 19 =$

## Section 8. Multiplication: 12x17 to 12x20

*Solve each problem and write the answer in the box.*

1)  $12 \times 20 =$

7)  $12 \times 17 =$

2)  $12 \times 19 =$

8)  $12 \times 20 =$

3)  $12 \times 17 =$

9)  $12 \times 19 =$

4)  $12 \times 18 =$

10)  $12 \times 17 =$

5)  $12 \times 20 =$

11)  $12 \times 20 =$

6)  $12 \times 18 =$

12)  $12 \times 18 =$



## Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $7 \times 17 =$

7)  $6 \times 16 =$

2)  $11 \times 10 =$

8)  $7 \times 14 =$

3)  $7 \times 8 =$

9)  $6 \times 6 =$

4)  $6 \times 20 =$

10)  $10 \times 15 =$

5)  $6 \times 18 =$

11)  $12 \times 7 =$

6)  $6 \times 10 =$

12)  $12 \div 6 =$

Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $12 \times 11 =$

7)  $7 \times 17 =$

2)  $9 \times 7 =$

8)  $12 \times 10 =$

3)  $11 \times 17 =$

9)  $12 \times 15 =$

4)  $11 \times 19 =$

10)  $6 \times 20 =$

5)  $9 \times 11 =$

11)  $11 \times 16 =$

6)  $9 \times 17 =$

12)  $12 \times 19 =$

## Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $12 \times 13 =$

7)  $6 \times 16 =$

2)  $12 \times 20 =$

8)  $9 \times 15 =$

3)  $12 \times 15 =$

9)  $8 \times 11 =$

4)  $6 \times 14 =$

10)  $9 \times 12 =$

5)  $10 \times 11 =$

11)  $9 \times 17 =$

6)  $9 \times 7 =$

12)  $10 \times 16 =$

## Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $12 \times 7 =$

7)  $9 \times 17 =$

2)  $10 \times 12 =$

8)  $10 \times 15 =$

3)  $12 \times 17 =$

9)  $9 \times 15 =$

4)  $9 \times 18 =$

10)  $12 \times 8 =$

5)  $9 \times 7 =$

11)  $6 \times 8 =$

6)  $6 \times 9 =$

12)  $7 \times 19 =$

## Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $8 \times 20 =$

7)  $6 \times 15 =$

2)  $9 \times 17 =$

8)  $8 \times 17 =$

3)  $10 \times 11 =$

9)  $11 \times 14 =$

4)  $6 \times 14 =$

10)  $10 \times 10 =$

5)  $9 \times 10 =$

11)  $10 \times 16 =$

6)  $12 \times 16 =$

12)  $6 \times 19 =$

## Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $8 \times 10 =$

7)  $12 \times 7 =$

2)  $11 \times 20 =$

8)  $7 \times 10 =$

3)  $12 \times 12 =$

9)  $11 \times 13 =$

4)  $12 \times 6 =$

10)  $12 \div 6 =$

5)  $7 \times 17 =$

11)  $10 \times 6 =$

6)  $10 \times 18 =$

12)  $7 \times 7 =$

## Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $6 \times 13 =$

7)  $9 \times 18 =$

2)  $8 \times 12 =$

8)  $7 \times 13 =$

3)  $8 \times 7 =$

9)  $10 \times 16 =$

4)  $6 \times 10 =$

10)  $9 \times 12 =$

5)  $12 \times 10 =$

11)  $11 \times 20 =$

6)  $6 \times 18 =$

12)  $8 \times 13 =$

Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $12 \times 16 =$

7)  $7 \times 8 =$

2)  $6 \times 9 =$

8)  $6 \times 11 =$

3)  $7 \times 18 =$

9)  $11 \times 14 =$

4)  $9 \times 18 =$

10)  $7 \times 13 =$

5)  $6 \times 6 =$

11)  $8 \times 14 =$

6)  $8 \times 18 =$

12)  $6 \times 17 =$



## Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $8 \times 7 =$

7)  $6 \times 16 =$

2)  $10 \times 12 =$

8)  $8 \times 11 =$

3)  $12 \times 8 =$

9)  $8 \times 15 =$

4)  $9 \times 12 =$

10)  $9 \times 6 =$

5)  $10 \times 15 =$

11)  $7 \times 16 =$

6)  $7 \times 7 =$

12)  $6 \times 17 =$

Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $7 \times 19 =$

7)  $11 \times 13 =$

2)  $7 \times 7 =$

8)  $9 \times 18 =$

3)  $6 \times 15 =$

9)  $8 \times 14 =$

4)  $12 \div 6 =$

10)  $12 \times 15 =$

5)  $10 \times 17 =$

11)  $11 \times 7 =$

6)  $6 \times 20 =$

12)  $10 \times 7 =$

## Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $11 \times 9 =$

7)  $10 \times 15 =$

2)  $10 \times 16 =$

8)  $10 \times 14 =$

3)  $10 \times 17 =$

9)  $9 \times 18 =$

4)  $12 \times 16 =$

10)  $12 \div 6 =$

5)  $7 \times 18 =$

11)  $10 \times 8 =$

6)  $10 \times 12 =$

12)  $7 \times 19 =$

Section 9. Revision: 6-12 x 6-20

*Solve each problem and write the answer in the box.*

1)  $12 \div 6 =$

7)  $12 \times 18 =$

2)  $6 \times 6 =$

8)  $11 \times 16 =$

3)  $7 \times 10 =$

9)  $11 \times 18 =$

4)  $11 \times 7 =$

10)  $8 \times 14 =$

5)  $10 \times 16 =$

11)  $7 \times 6 =$

6)  $12 \times 6 =$

12)  $7 \times 12 =$

## Section 10. Multiplication: 13x10 to 13x12

*Solve each problem and write the answer in the box.*

1)  $13 \times 11 =$

7)  $13 \times 11 =$

2)  $13 \times 12 =$

8)  $13 \times 12 =$

3)  $13 \times 11 =$

9)  $13 \times 11 =$

4)  $13 \times 10 =$

10)  $13 \times 10 =$

5)  $13 \times 12 =$

11)  $13 \times 12 =$

6)  $13 \times 10 =$

12)  $13 \times 10 =$

## Section 10. Multiplication: 13x10 to 13x12

*Solve each problem and write the answer in the box.*

1)  $13 \times 12 =$

7)  $13 \times 10 =$

2)  $13 \times 10 =$

8)  $13 \times 11 =$

3)  $13 \times 11 =$

9)  $13 \times 10 =$

4)  $13 \times 10 =$

10)  $13 \times 12 =$

5)  $13 \times 12 =$

11)  $13 \times 11 =$

6)  $13 \times 11 =$

12)  $13 \times 10 =$

## Section 10. Multiplication: 13x10 to 13x12

*Solve each problem and write the answer in the box.*

1)  $13 \times 10 =$

7)  $13 \times 12 =$

2)  $13 \times 11 =$

8)  $13 \times 11 =$

3)  $13 \times 12 =$

9)  $13 \times 12 =$

4)  $13 \times 11 =$

10)  $13 \times 10 =$

5)  $13 \times 12 =$

11)  $13 \times 11 =$

6)  $13 \times 10 =$

12)  $13 \times 10 =$

Section 10. Multiplication:  $13 \times 10$  to  $13 \times 12$ 

Solve each problem and write the answer in the box.

1)  $13 \times 12 =$

7)  $13 \times 10 =$

2)  $13 \times 11 =$

8)  $13 \times 11 =$

3)  $13 \times 10 =$

9)  $13 \times 10 =$

4)  $13 \times 12 =$

10)  $13 \times 11 =$

5)  $13 \times 10 =$

11)  $13 \times 10 =$

6)  $13 \times 12 =$

12)  $13 \times 11 =$



## Section 10. Multiplication: 13x10 to 13x12

*Solve each problem and write the answer in the box.*

1)  $13 \times 12 =$

7)  $13 \times 10 =$

2)  $13 \times 10 =$

8)  $13 \times 12 =$

3)  $13 \times 11 =$

9)  $13 \times 11 =$

4)  $13 \times 12 =$

10)  $13 \times 12 =$

5)  $13 \times 10 =$

11)  $13 \times 10 =$

6)  $13 \times 12 =$

12)  $13 \times 12 =$

Section 10. Multiplication:  $13 \times 10$  to  $13 \times 12$ 

*Solve each problem and write the answer in the box.*

1)  $13 \times 12 =$

7)  $13 \times 11 =$

2)  $13 \times 10 =$

8)  $13 \times 10 =$

3)  $13 \times 12 =$

9)  $13 \times 12 =$

4)  $13 \times 11 =$

10)  $13 \times 11 =$

5)  $13 \times 10 =$

11)  $13 \times 12 =$

6)  $13 \times 12 =$

12)  $13 \times 10 =$

Section 10. Multiplication:  $13 \times 10$  to  $13 \times 12$ 

*Solve each problem and write the answer in the box.*

1)  $13 \times 11 =$

7)  $13 \times 11 =$

2)  $13 \times 10 =$

8)  $13 \times 10 =$

3)  $13 \times 12 =$

9)  $13 \times 11 =$

4)  $13 \times 10 =$

10)  $13 \times 12 =$

5)  $13 \times 11 =$

11)  $13 \times 10 =$

6)  $13 \times 10 =$

12)  $13 \times 12 =$

Section 10. Multiplication:  $13 \times 10$  to  $13 \times 12$ 

Solve each problem and write the answer in the box.

1)  $13 \times 12 =$

7)  $13 \times 10 =$

2)  $13 \times 11 =$

8)  $13 \times 12 =$

3)  $13 \times 12 =$

9)  $13 \times 11 =$

4)  $13 \times 10 =$

10)  $13 \times 10 =$

5)  $13 \times 11 =$

11)  $13 \times 11 =$

6)  $13 \times 12 =$

12)  $13 \times 10 =$

Section 10. Multiplication:  $13 \times 10$  to  $13 \times 12$ 

*Solve each problem and write the answer in the box.*

1)  $13 \times 12 =$

7)  $13 \times 11 =$

2)  $13 \times 11 =$

8)  $13 \times 10 =$

3)  $13 \times 12 =$

9)  $13 \times 12 =$

4)  $13 \times 11 =$

10)  $13 \times 11 =$

5)  $13 \times 12 =$

11)  $13 \times 10 =$

6)  $13 \times 10 =$

12)  $13 \times 12 =$

## Section 10. Multiplication: 13x10 to 13x12

*Solve each problem and write the answer in the box.*

1)  $13 \times 12 =$

7)  $13 \times 11 =$

2)  $13 \times 11 =$

8)  $13 \times 10 =$

3)  $13 \times 12 =$

9)  $13 \times 11 =$

4)  $13 \times 11 =$

10)  $13 \times 12 =$

5)  $13 \times 10 =$

11)  $13 \times 10 =$

6)  $13 \times 12 =$

12)  $13 \times 12 =$

## Section 10. Multiplication: 13x10 to 13x12

*Solve each problem and write the answer in the box.*

1)  $13 \times 10 =$

7)  $13 \times 11 =$

2)  $13 \times 12 =$

8)  $13 \times 10 =$

3)  $13 \times 11 =$

9)  $13 \times 11 =$

4)  $13 \times 12 =$

10)  $13 \times 10 =$

5)  $13 \times 11 =$

11)  $13 \times 11 =$

6)  $13 \times 12 =$

12)  $13 \times 12 =$

Section 10. Multiplication:  $13 \times 10$  to  $13 \times 12$ 

Solve each problem and write the answer in the box.

1)  $13 \times 12 =$

7)  $13 \times 10 =$

2)  $13 \times 11 =$

8)  $13 \times 12 =$

3)  $13 \times 10 =$

9)  $13 \times 10 =$

4)  $13 \times 12 =$

10)  $13 \times 12 =$

5)  $13 \times 10 =$

11)  $13 \times 10 =$

6)  $13 \times 11 =$

12)  $13 \times 11 =$



## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 16 =$

7)  $13 \times 16 =$

2)  $13 \times 15 =$

8)  $13 \times 14 =$

3)  $13 \times 13 =$

9)  $13 \times 13 =$

4)  $13 \times 16 =$

10)  $13 \times 15 =$

5)  $13 \times 13 =$

11)  $13 \times 16 =$

6)  $13 \times 14 =$

12)  $13 \times 13 =$

## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 15 =$

7)  $13 \times 15 =$

2)  $13 \times 13 =$

8)  $13 \times 13 =$

3)  $13 \times 15 =$

9)  $13 \times 16 =$

4)  $13 \times 13 =$

10)  $13 \times 15 =$

5)  $13 \times 16 =$

11)  $13 \times 14 =$

6)  $13 \times 14 =$

12)  $13 \times 15 =$

## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 14 =$

7)  $13 \times 15 =$

2)  $13 \times 13 =$

8)  $13 \times 14 =$

3)  $13 \times 15 =$

9)  $13 \times 16 =$

4)  $13 \times 13 =$

10)  $13 \times 14 =$

5)  $13 \times 14 =$

11)  $13 \times 13 =$

6)  $13 \times 16 =$

12)  $13 \times 16 =$

## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 16 =$

7)  $13 \times 13 =$

2)  $13 \times 14 =$

8)  $13 \times 14 =$

3)  $13 \times 15 =$

9)  $13 \times 13 =$

4)  $13 \times 13 =$

10)  $13 \times 14 =$

5)  $13 \times 16 =$

11)  $13 \times 13 =$

6)  $13 \times 15 =$

12)  $13 \times 15 =$

## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 15 =$

7)  $13 \times 15 =$

2)  $13 \times 16 =$

8)  $13 \times 14 =$

3)  $13 \times 13 =$

9)  $13 \times 13 =$

4)  $13 \times 15 =$

10)  $13 \times 14 =$

5)  $13 \times 14 =$

11)  $13 \times 16 =$

6)  $13 \times 16 =$

12)  $13 \times 15 =$

## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 16 =$

7)  $13 \times 13 =$

2)  $13 \times 15 =$

8)  $13 \times 14 =$

3)  $13 \times 16 =$

9)  $13 \times 13 =$

4)  $13 \times 15 =$

10)  $13 \times 16 =$

5)  $13 \times 16 =$

11)  $13 \times 13 =$

6)  $13 \times 14 =$

12)  $13 \times 15 =$

## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 13 =$

7)  $13 \times 14 =$

2)  $13 \times 14 =$

8)  $13 \times 16 =$

3)  $13 \times 13 =$

9)  $13 \times 14 =$

4)  $13 \times 14 =$

10)  $13 \times 13 =$

5)  $13 \times 13 =$

11)  $13 \times 14 =$

6)  $13 \times 16 =$

12)  $13 \times 15 =$

## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 14 =$

7)  $13 \times 16 =$

2)  $13 \times 13 =$

8)  $13 \times 14 =$

3)  $13 \times 16 =$

9)  $13 \times 15 =$

4)  $13 \times 14 =$

10)  $13 \times 14 =$

5)  $13 \times 16 =$

11)  $13 \times 16 =$

6)  $13 \times 13 =$

12)  $13 \times 14 =$



## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 15 =$

7)  $13 \times 13 =$

2)  $13 \times 13 =$

8)  $13 \times 15 =$

3)  $13 \times 16 =$

9)  $13 \times 14 =$

4)  $13 \times 15 =$

10)  $13 \times 15 =$

5)  $13 \times 14 =$

11)  $13 \times 14 =$

6)  $13 \times 16 =$

12)  $13 \times 15 =$

## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 14 =$

7)  $13 \times 13 =$

2)  $13 \times 13 =$

8)  $13 \times 16 =$

3)  $13 \times 14 =$

9)  $13 \times 13 =$

4)  $13 \times 15 =$

10)  $13 \times 14 =$

5)  $13 \times 14 =$

11)  $13 \times 16 =$

6)  $13 \times 16 =$

12)  $13 \times 15 =$

## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 13 =$

7)  $13 \times 15 =$

2)  $13 \times 15 =$

8)  $13 \times 13 =$

3)  $13 \times 13 =$

9)  $13 \times 15 =$

4)  $13 \times 14 =$

10)  $13 \times 13 =$

5)  $13 \times 15 =$

11)  $13 \times 15 =$

6)  $13 \times 13 =$

12)  $13 \times 16 =$

## Section 11. Multiplication: 13x13 to 13x16

*Solve each problem and write the answer in the box.*

1)  $13 \times 15 =$

7)  $13 \times 13 =$

2)  $13 \times 16 =$

8)  $13 \times 15 =$

3)  $13 \times 13 =$

9)  $13 \times 16 =$

4)  $13 \times 16 =$

10)  $13 \times 13 =$

5)  $13 \times 15 =$

11)  $13 \times 14 =$

6)  $13 \times 16 =$

12)  $13 \times 16 =$

## Section 12. Multiplication: 13x17 to 13x20

*Solve each problem and write the answer in the box.*

1)  $13 \times 17 =$

7)  $13 \times 18 =$

2)  $13 \times 19 =$

8)  $13 \times 20 =$

3)  $13 \times 18 =$

9)  $13 \times 17 =$

4)  $13 \times 19 =$

10)  $13 \times 20 =$

5)  $13 \times 20 =$

11)  $13 \times 19 =$

6)  $13 \times 17 =$

12)  $13 \times 17 =$

## Section 12. Multiplication: 13x17 to 13x20

*Solve each problem and write the answer in the box.*

1)  $13 \times 20 =$

7)  $13 \times 18 =$

2)  $13 \times 17 =$

8)  $13 \times 17 =$

3)  $13 \times 20 =$

9)  $13 \times 18 =$

4)  $13 \times 19 =$

10)  $13 \times 20 =$

5)  $13 \times 17 =$

11)  $13 \times 18 =$

6)  $13 \times 19 =$

12)  $13 \times 17 =$

## Section 12. Multiplication: 13x17 to 13x20

*Solve each problem and write the answer in the box.*

1)  $13 \times 18 =$

7)  $13 \times 19 =$

2)  $13 \times 20 =$

8)  $13 \times 17 =$

3)  $13 \times 19 =$

9)  $13 \times 20 =$

4)  $13 \times 18 =$

10)  $13 \times 18 =$

5)  $13 \times 20 =$

11)  $13 \times 20 =$

6)  $13 \times 17 =$

12)  $13 \times 17 =$

## Section 12. Multiplication: 13x17 to 13x20

*Solve each problem and write the answer in the box.*

1)  $13 \times 20 =$

7)  $13 \times 20 =$

2)  $13 \times 17 =$

8)  $13 \times 17 =$

3)  $13 \times 19 =$

9)  $13 \times 20 =$

4)  $13 \times 17 =$

10)  $13 \times 18 =$

5)  $13 \times 18 =$

11)  $13 \times 19 =$

6)  $13 \times 17 =$

12)  $13 \times 17 =$



## Section 12. Multiplication: 13x17 to 13x20

*Solve each problem and write the answer in the box.*

1)  $13 \times 20 =$

7)  $13 \times 17 =$

2)  $13 \times 18 =$

8)  $13 \times 18 =$

3)  $13 \times 17 =$

9)  $13 \times 20 =$

4)  $13 \times 20 =$

10)  $13 \times 17 =$

5)  $13 \times 17 =$

11)  $13 \times 19 =$

6)  $13 \times 18 =$

12)  $13 \times 20 =$

## Section 12. Multiplication: 13x17 to 13x20

*Solve each problem and write the answer in the box.*

1)  $13 \times 18 =$

7)  $13 \times 17 =$

2)  $13 \times 19 =$

8)  $13 \times 19 =$

3)  $13 \times 18 =$

9)  $13 \times 17 =$

4)  $13 \times 17 =$

10)  $13 \times 18 =$

5)  $13 \times 20 =$

11)  $13 \times 17 =$

6)  $13 \times 18 =$

12)  $13 \times 19 =$

## Section 12. Multiplication: 13x17 to 13x20

*Solve each problem and write the answer in the box.*

1)  $13 \times 18 =$

7)  $13 \times 20 =$

2)  $13 \times 17 =$

8)  $13 \times 18 =$

3)  $13 \times 19 =$

9)  $13 \times 19 =$

4)  $13 \times 17 =$

10)  $13 \times 17 =$

5)  $13 \times 19 =$

11)  $13 \times 19 =$

6)  $13 \times 17 =$

12)  $13 \times 17 =$

## Section 12. Multiplication: 13x17 to 13x20

*Solve each problem and write the answer in the box.*

1)  $13 \times 17 =$

7)  $13 \times 17 =$

2)  $13 \times 20 =$

8)  $13 \times 20 =$

3)  $13 \times 18 =$

9)  $13 \times 17 =$

4)  $13 \times 20 =$

10)  $13 \times 19 =$

5)  $13 \times 17 =$

11)  $13 \times 17 =$

6)  $13 \times 20 =$

12)  $13 \times 20 =$

## Section 12. Multiplication: 13x17 to 13x20

*Solve each problem and write the answer in the box.*

1)  $13 \times 18 =$

7)  $13 \times 18 =$

2)  $13 \times 20 =$

8)  $13 \times 17 =$

3)  $13 \times 17 =$

9)  $13 \times 19 =$

4)  $13 \times 19 =$

10)  $13 \times 18 =$

5)  $13 \times 17 =$

11)  $13 \times 20 =$

6)  $13 \times 19 =$

12)  $13 \times 19 =$

## Section 12. Multiplication: 13x17 to 13x20

*Solve each problem and write the answer in the box.*

1)  $13 \times 18 =$

7)  $13 \times 17 =$

2)  $13 \times 20 =$

8)  $13 \times 19 =$

3)  $13 \times 19 =$

9)  $13 \times 20 =$

4)  $13 \times 17 =$

10)  $13 \times 19 =$

5)  $13 \times 20 =$

11)  $13 \times 18 =$

6)  $13 \times 19 =$

12)  $13 \times 17 =$

## Section 12. Multiplication: 13x17 to 13x20

*Solve each problem and write the answer in the box.*

1)  $13 \times 17 =$

7)  $13 \times 18 =$

2)  $13 \times 20 =$

8)  $13 \times 20 =$

3)  $13 \times 19 =$

9)  $13 \times 17 =$

4)  $13 \times 17 =$

10)  $13 \times 19 =$

5)  $13 \times 20 =$

11)  $13 \times 20 =$

6)  $13 \times 19 =$

12)  $13 \times 17 =$

Section 12. Multiplication:  $13 \times 17$  to  $13 \times 20$

*Solve each problem and write the answer in the box.*

1)  $13 \times 17 =$

7)  $13 \times 19 =$

2)  $13 \times 18 =$

8)  $13 \times 18 =$

3)  $13 \times 19 =$

9)  $13 \times 19 =$

4)  $13 \times 20 =$

10)  $13 \times 20 =$

5)  $13 \times 18 =$

11)  $13 \times 18 =$

6)  $13 \times 20 =$

12)  $13 \times 20 =$



## Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $13 \times 20 =$

7)  $7 \times 11 =$

2)  $11 \times 17 =$

8)  $9 \times 19 =$

3)  $12 \div 6 =$

9)  $10 \times 15 =$

4)  $13 \times 6 =$

10)  $6 \times 14 =$

5)  $8 \times 6 =$

11)  $12 \times 20 =$

6)  $13 \times 12 =$

12)  $9 \times 18 =$

## Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $10 \times 20 =$

7)  $8 \times 20 =$

2)  $11 \times 13 =$

8)  $10 \times 19 =$

3)  $12 \div 6 =$

9)  $13 \times 13 =$

4)  $9 \times 10 =$

10)  $8 \times 17 =$

5)  $9 \times 19 =$

11)  $11 \times 12 =$

6)  $12 \times 20 =$

12)  $6 \times 16 =$

## Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $13 \times 18 =$

7)  $12 \times 11 =$

2)  $6 \times 12 =$

8)  $12 \times 20 =$

3)  $10 \times 11 =$

9)  $6 \times 6 =$

4)  $7 \times 8 =$

10)  $7 \times 13 =$

5)  $8 \times 19 =$

11)  $10 \times 17 =$

6)  $10 \times 8 =$

12)  $11 \times 8 =$

## Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $6 \times 17 =$

7)  $11 \times 15 =$

2)  $9 \times 9 =$

8)  $13 \times 8 =$

3)  $12 \times 19 =$

9)  $12 \times 17 =$

4)  $9 \times 19 =$

10)  $6 \times 6 =$

5)  $12 \times 8 =$

11)  $13 \times 20 =$

6)  $6 \times 10 =$

12)  $8 \times 10 =$

## Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $13 \times 13 =$

7)  $13 \times 11 =$

2)  $12 \div 6 =$

8)  $11 \times 20 =$

3)  $9 \times 10 =$

9)  $13 \times 8 =$

4)  $7 \times 16 =$

10)  $9 \times 8 =$

5)  $6 \times 12 =$

11)  $6 \times 6 =$

6)  $10 \times 20 =$

12)  $8 \times 19 =$

## Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $11 \times 6 =$

7)  $7 \times 14 =$

2)  $12 \times 11 =$

8)  $9 \times 18 =$

3)  $11 \times 8 =$

9)  $9 \times 8 =$

4)  $7 \times 13 =$

10)  $7 \times 10 =$

5)  $9 \times 19 =$

11)  $11 \times 16 =$

6)  $10 \times 11 =$

12)  $11 \times 14 =$

## Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $13 \times 13 =$

7)  $12 \times 10 =$

2)  $12 \times 16 =$

8)  $7 \times 20 =$

3)  $11 \times 13 =$

9)  $7 \times 14 =$

4)  $8 \times 20 =$

10)  $13 \times 16 =$

5)  $10 \times 13 =$

11)  $6 \times 7 =$

6)  $8 \times 16 =$

12)  $12 \times 6 =$

## Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $12 \times 20 =$

7)  $7 \times 19 =$

2)  $9 \times 8 =$

8)  $9 \times 19 =$

3)  $10 \times 19 =$

9)  $9 \times 13 =$

4)  $12 \times 14 =$

10)  $9 \times 12 =$

5)  $6 \times 12 =$

11)  $7 \times 10 =$

6)  $6 \times 8 =$

12)  $7 \times 8 =$



## Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $8 \times 14 =$

7)  $11 \times 10 =$

2)  $13 \times 17 =$

8)  $8 \times 8 =$

3)  $9 \times 13 =$

9)  $13 \times 6 =$

4)  $12 \div 6 =$

10)  $11 \times 7 =$

5)  $12 \times 7 =$

11)  $12 \times 13 =$

6)  $11 \times 15 =$

12)  $12 \times 11 =$

Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $7 \times 11 =$

7)  $7 \times 18 =$

2)  $7 \times 14 =$

8)  $6 \times 14 =$

3)  $13 \times 10 =$

9)  $8 \times 16 =$

4)  $10 \times 20 =$

10)  $9 \times 20 =$

5)  $7 \times 17 =$

11)  $7 \times 19 =$

6)  $13 \times 18 =$

12)  $13 \times 12 =$

## Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $9 \times 19 =$

7)  $12 \times 6 =$

2)  $7 \times 10 =$

8)  $8 \times 20 =$

3)  $8 \times 18 =$

9)  $10 \times 12 =$

4)  $12 \div 6 =$

10)  $12 \times 13 =$

5)  $6 \times 17 =$

11)  $13 \times 17 =$

6)  $7 \times 11 =$

12)  $11 \times 12 =$

## Section 13. Revision: 6-13 x 6-20

*Solve each problem and write the answer in the box.*

1)  $10 \times 9 =$

7)  $9 \times 11 =$

2)  $10 \times 14 =$

8)  $12 \times 14 =$

3)  $6 \times 6 =$

9)  $7 \times 11 =$

4)  $6 \times 19 =$

10)  $8 \times 17 =$

5)  $7 \times 13 =$

11)  $6 \times 12 =$

6)  $13 \times 11 =$

12)  $13 \times 9 =$

## Section 14. Multiplication: 14x10 to 14x12

*Solve each problem and write the answer in the box.*

1)  $14 \times 12 =$

7)  $14 \times 10 =$

2)  $14 \times 11 =$

8)  $14 \times 11 =$

3)  $14 \times 12 =$

9)  $14 \times 12 =$

4)  $14 \times 10 =$

10)  $14 \times 10 =$

5)  $14 \times 12 =$

11)  $14 \times 12 =$

6)  $14 \times 11 =$

12)  $14 \times 10 =$

Section 14. Multiplication:  $14 \times 10$  to  $14 \times 12$ 

*Solve each problem and write the answer in the box.*

1)  $14 \times 12 =$

7)  $14 \times 11 =$

2)  $14 \times 10 =$

8)  $14 \times 12 =$

3)  $14 \times 12 =$

9)  $14 \times 10 =$

4)  $14 \times 10 =$

10)  $14 \times 12 =$

5)  $14 \times 11 =$

11)  $14 \times 11 =$

6)  $14 \times 12 =$

12)  $14 \times 10 =$

Section 14. Multiplication:  $14 \times 10$  to  $14 \times 12$ 

Solve each problem and write the answer in the box.

1)  $14 \times 10 =$

7)  $14 \times 11 =$

2)  $14 \times 11 =$

8)  $14 \times 10 =$

3)  $14 \times 12 =$

9)  $14 \times 12 =$

4)  $14 \times 10 =$

10)  $14 \times 11 =$

5)  $14 \times 11 =$

11)  $14 \times 12 =$

6)  $14 \times 10 =$

12)  $14 \times 11 =$

Section 14. Multiplication:  $14 \times 10$  to  $14 \times 12$ 

*Solve each problem and write the answer in the box.*

1)  $14 \times 12 =$

7)  $14 \times 10 =$

2)  $14 \times 10 =$

8)  $14 \times 11 =$

3)  $14 \times 11 =$

9)  $14 \times 10 =$

4)  $14 \times 12 =$

10)  $14 \times 11 =$

5)  $14 \times 10 =$

11)  $14 \times 12 =$

6)  $14 \times 12 =$

12)  $14 \times 10 =$



## Section 14. Multiplication: 14x10 to 14x12

*Solve each problem and write the answer in the box.*

1)  $14 \times 11 =$

7)  $14 \times 11 =$

2)  $14 \times 12 =$

8)  $14 \times 12 =$

3)  $14 \times 11 =$

9)  $14 \times 11 =$

4)  $14 \times 12 =$

10)  $14 \times 10 =$

5)  $14 \times 11 =$

11)  $14 \times 12 =$

6)  $14 \times 10 =$

12)  $14 \times 11 =$

## Section 14. Multiplication: 14x10 to 14x12

*Solve each problem and write the answer in the box.*

1)  $14 \times 11 =$

7)  $14 \times 11 =$

2)  $14 \times 12 =$

8)  $14 \times 10 =$

3)  $14 \times 10 =$

9)  $14 \times 12 =$

4)  $14 \times 12 =$

10)  $14 \times 10 =$

5)  $14 \times 11 =$

11)  $14 \times 11 =$

6)  $14 \times 10 =$

12)  $14 \times 12 =$

## Section 14. Multiplication: 14x10 to 14x12

*Solve each problem and write the answer in the box.*

1)  $14 \times 10 =$

7)  $14 \times 10 =$

2)  $14 \times 11 =$

8)  $14 \times 11 =$

3)  $14 \times 12 =$

9)  $14 \times 10 =$

4)  $14 \times 10 =$

10)  $14 \times 12 =$

5)  $14 \times 11 =$

11)  $14 \times 11 =$

6)  $14 \times 12 =$

12)  $14 \times 12 =$

Section 14. Multiplication:  $14 \times 10$  to  $14 \times 12$ 

*Solve each problem and write the answer in the box.*

1)  $14 \times 12 =$

7)  $14 \times 12 =$

2)  $14 \times 11 =$

8)  $14 \times 10 =$

3)  $14 \times 12 =$

9)  $14 \times 12 =$

4)  $14 \times 10 =$

10)  $14 \times 11 =$

5)  $14 \times 12 =$

11)  $14 \times 12 =$

6)  $14 \times 11 =$

12)  $14 \times 10 =$

## Section 14. Multiplication: 14x10 to 14x12

*Solve each problem and write the answer in the box.*

1)  $14 \times 12 =$

7)  $14 \times 12 =$

2)  $14 \times 10 =$

8)  $14 \times 10 =$

3)  $14 \times 11 =$

9)  $14 \times 12 =$

4)  $14 \times 12 =$

10)  $14 \times 11 =$

5)  $14 \times 10 =$

11)  $14 \times 10 =$

6)  $14 \times 11 =$

12)  $14 \times 12 =$

## Section 14. Multiplication: 14x10 to 14x12

*Solve each problem and write the answer in the box.*

1)  $14 \times 12 =$

7)  $14 \times 12 =$

2)  $14 \times 10 =$

8)  $14 \times 10 =$

3)  $14 \times 11 =$

9)  $14 \times 12 =$

4)  $14 \times 12 =$

10)  $14 \times 10 =$

5)  $14 \times 10 =$

11)  $14 \times 11 =$

6)  $14 \times 11 =$

12)  $14 \times 10 =$

## Section 14. Multiplication: 14x10 to 14x12

*Solve each problem and write the answer in the box.*

1)  $14 \times 10 =$

7)  $14 \times 11 =$

2)  $14 \times 12 =$

8)  $14 \times 10 =$

3)  $14 \times 11 =$

9)  $14 \times 11 =$

4)  $14 \times 12 =$

10)  $14 \times 10 =$

5)  $14 \times 11 =$

11)  $14 \times 12 =$

6)  $14 \times 10 =$

12)  $14 \times 11 =$

Section 14. Multiplication:  $14 \times 10$  to  $14 \times 12$ 

*Solve each problem and write the answer in the box.*

1)  $14 \times 11 =$

7)  $14 \times 10 =$

2)  $14 \times 10 =$

8)  $14 \times 11 =$

3)  $14 \times 11 =$

9)  $14 \times 12 =$

4)  $14 \times 12 =$

10)  $14 \times 10 =$

5)  $14 \times 10 =$

11)  $14 \times 11 =$

6)  $14 \times 12 =$

12)  $14 \times 12 =$



## Section 15. Multiplication: 14x13 to 14x16

*Solve each problem and write the answer in the box.*

1)  $14 \times 14 =$

7)  $14 \times 13 =$

2)  $14 \times 16 =$

8)  $14 \times 16 =$

3)  $14 \times 13 =$

9)  $14 \times 15 =$

4)  $14 \times 16 =$

10)  $14 \times 13 =$

5)  $14 \times 14 =$

11)  $14 \times 14 =$

6)  $14 \times 16 =$

12)  $14 \times 13 =$

## Section 15. Multiplication: 14x13 to 14x16

*Solve each problem and write the answer in the box.*

1)  $14 \times 14 =$

7)  $14 \times 14 =$

2)  $14 \times 16 =$

8)  $14 \times 15 =$

3)  $14 \times 13 =$

9)  $14 \times 13 =$

4)  $14 \times 15 =$

10)  $14 \times 14 =$

5)  $14 \times 13 =$

11)  $14 \times 16 =$

6)  $14 \times 16 =$

12)  $14 \times 14 =$

## Section 15. Multiplication: 14x13 to 14x16

*Solve each problem and write the answer in the box.*

1)  $14 \times 13 =$

7)  $14 \times 13 =$

2)  $14 \times 14 =$

8)  $14 \times 16 =$

3)  $14 \times 16 =$

9)  $14 \times 14 =$

4)  $14 \times 15 =$

10)  $14 \times 16 =$

5)  $14 \times 14 =$

11)  $14 \times 13 =$

6)  $14 \times 16 =$

12)  $14 \times 14 =$

## Section 15. Multiplication: 14x13 to 14x16

*Solve each problem and write the answer in the box.*

1)  $14 \times 15 =$

7)  $14 \times 16 =$

2)  $14 \times 16 =$

8)  $14 \times 15 =$

3)  $14 \times 15 =$

9)  $14 \times 16 =$

4)  $14 \times 14 =$

10)  $14 \times 14 =$

5)  $14 \times 13 =$

11)  $14 \times 16 =$

6)  $14 \times 15 =$

12)  $14 \times 14 =$

## Section 15. Multiplication: 14x13 to 14x16

*Solve each problem and write the answer in the box.*

1)  $14 \times 15 =$

7)  $14 \times 14 =$

2)  $14 \times 16 =$

8)  $14 \times 15 =$

3)  $14 \times 15 =$

9)  $14 \times 13 =$

4)  $14 \times 14 =$

10)  $14 \times 16 =$

5)  $14 \times 13 =$

11)  $14 \times 14 =$

6)  $14 \times 16 =$

12)  $14 \times 16 =$

## Section 15. Multiplication: 14x13 to 14x16

*Solve each problem and write the answer in the box.*

1)  $14 \times 13 =$

7)  $14 \times 14 =$

2)  $14 \times 15 =$

8)  $14 \times 13 =$

3)  $14 \times 14 =$

9)  $14 \times 16 =$

4)  $14 \times 13 =$

10)  $14 \times 13 =$

5)  $14 \times 14 =$

11)  $14 \times 14 =$

6)  $14 \times 15 =$

12)  $14 \times 15 =$

## Section 15. Multiplication: 14x13 to 14x16

*Solve each problem and write the answer in the box.*

1)  $14 \times 15 =$

7)  $14 \times 16 =$

2)  $14 \times 16 =$

8)  $14 \times 14 =$

3)  $14 \times 14 =$

9)  $14 \times 13 =$

4)  $14 \times 15 =$

10)  $14 \times 15 =$

5)  $14 \times 14 =$

11)  $14 \times 13 =$

6)  $14 \times 15 =$

12)  $14 \times 16 =$

## Section 15. Multiplication: 14x13 to 14x16

*Solve each problem and write the answer in the box.*

1)  $14 \times 16 =$

7)  $14 \times 15 =$

2)  $14 \times 13 =$

8)  $14 \times 14 =$

3)  $14 \times 14 =$

9)  $14 \times 13 =$

4)  $14 \times 16 =$

10)  $14 \times 16 =$

5)  $14 \times 14 =$

11)  $14 \times 14 =$

6)  $14 \times 16 =$

12)  $14 \times 16 =$



## Section 15. Multiplication: 14x13 to 14x16

*Solve each problem and write the answer in the box.*

1)  $14 \times 14 =$

7)  $14 \times 14 =$

2)  $14 \times 16 =$

8)  $14 \times 15 =$

3)  $14 \times 15 =$

9)  $14 \times 13 =$

4)  $14 \times 14 =$

10)  $14 \times 15 =$

5)  $14 \times 13 =$

11)  $14 \times 16 =$

6)  $14 \times 16 =$

12)  $14 \times 15 =$

## Section 15. Multiplication: 14x13 to 14x16

*Solve each problem and write the answer in the box.*

1)  $14 \times 16 =$

7)  $14 \times 16 =$

2)  $14 \times 13 =$

8)  $14 \times 14 =$

3)  $14 \times 14 =$

9)  $14 \times 16 =$

4)  $14 \times 16 =$

10)  $14 \times 14 =$

5)  $14 \times 14 =$

11)  $14 \times 16 =$

6)  $14 \times 13 =$

12)  $14 \times 13 =$

## Section 15. Multiplication: 14x13 to 14x16

*Solve each problem and write the answer in the box.*

1)  $14 \times 16 =$

7)  $14 \times 16 =$

2)  $14 \times 13 =$

8)  $14 \times 15 =$

3)  $14 \times 14 =$

9)  $14 \times 16 =$

4)  $14 \times 13 =$

10)  $14 \times 15 =$

5)  $14 \times 15 =$

11)  $14 \times 13 =$

6)  $14 \times 13 =$

12)  $14 \times 14 =$

Section 15. Multiplication:  $14 \times 13$  to  $14 \times 16$ 

*Solve each problem and write the answer in the box.*

1)  $14 \times 15 =$

7)  $14 \times 15 =$

2)  $14 \times 16 =$

8)  $14 \times 13 =$

3)  $14 \times 14 =$

9)  $14 \times 14 =$

4)  $14 \times 13 =$

10)  $14 \times 15 =$

5)  $14 \times 15 =$

11)  $14 \times 16 =$

6)  $14 \times 16 =$

12)  $14 \times 14 =$

Section 16. Multiplication:  $14 \times 17$  to  $14 \times 21$ 

*Solve each problem and write the answer in the box.*

1)  $14 \times 21 =$

7)  $14 \times 18 =$

2)  $14 \times 17 =$

8)  $14 \times 21 =$

3)  $14 \times 21 =$

9)  $14 \times 17 =$

4)  $14 \times 17 =$

10)  $14 \times 19 =$

5)  $14 \times 19 =$

11)  $14 \times 21 =$

6)  $14 \times 17 =$

12)  $14 \times 19 =$

Section 16. Multiplication:  $14 \times 17$  to  $14 \times 21$ 

*Solve each problem and write the answer in the box.*

1)  $14 \times 17 =$

7)  $14 \times 21 =$

2)  $14 \times 21 =$

8)  $14 \times 20 =$

3)  $14 \times 18 =$

9)  $14 \times 17 =$

4)  $14 \times 20 =$

10)  $14 \times 18 =$

5)  $14 \times 21 =$

11)  $14 \times 19 =$

6)  $14 \times 17 =$

12)  $14 \times 21 =$

Section 16. Multiplication:  $14 \times 17$  to  $14 \times 21$

*Solve each problem and write the answer in the box.*

1)  $14 \times 20 =$

7)  $14 \times 18 =$

2)  $14 \times 21 =$

8)  $14 \times 17 =$

3)  $14 \times 18 =$

9)  $14 \times 18 =$

4)  $14 \times 19 =$

10)  $14 \times 19 =$

5)  $14 \times 21 =$

11)  $14 \times 17 =$

6)  $14 \times 20 =$

12)  $14 \times 21 =$

Section 16. Multiplication:  $14 \times 17$  to  $14 \times 21$

*Solve each problem and write the answer in the box.*

1)  $14 \times 20 =$

7)  $14 \times 21 =$

2)  $14 \times 17 =$

8)  $14 \times 17 =$

3)  $14 \times 20 =$

9)  $14 \times 20 =$

4)  $14 \times 19 =$

10)  $14 \times 21 =$

5)  $14 \times 17 =$

11)  $14 \times 19 =$

6)  $14 \times 20 =$

12)  $14 \times 20 =$



Section 16. Multiplication:  $14 \times 17$  to  $14 \times 21$ 

*Solve each problem and write the answer in the box.*

1)  $14 \times 21 =$

7)  $14 \times 21 =$

2)  $14 \times 20 =$

8)  $14 \times 19 =$

3)  $14 \times 18 =$

9)  $14 \times 17 =$

4)  $14 \times 19 =$

10)  $14 \times 18 =$

5)  $14 \times 17 =$

11)  $14 \times 17 =$

6)  $14 \times 19 =$

12)  $14 \times 20 =$

Section 16. Multiplication:  $14 \times 17$  to  $14 \times 21$ 

*Solve each problem and write the answer in the box.*

1)  $14 \times 17 =$

7)  $14 \times 17 =$

2)  $14 \times 20 =$

8)  $14 \times 21 =$

3)  $14 \times 17 =$

9)  $14 \times 17 =$

4)  $14 \times 19 =$

10)  $14 \times 19 =$

5)  $14 \times 18 =$

11)  $14 \times 18 =$

6)  $14 \times 20 =$

12)  $14 \times 17 =$

## Section 16. Multiplication: 14x17 to 14x21

*Solve each problem and write the answer in the box.*

1)  $14 \times 18 =$

7)  $14 \times 17 =$

2)  $14 \times 17 =$

8)  $14 \times 18 =$

3)  $14 \times 21 =$

9)  $14 \times 17 =$

4)  $14 \times 17 =$

10)  $14 \times 21 =$

5)  $14 \times 20 =$

11)  $14 \times 18 =$

6)  $14 \times 21 =$

12)  $14 \times 20 =$

Section 16. Multiplication:  $14 \times 17$  to  $14 \times 21$

*Solve each problem and write the answer in the box.*

1)  $14 \times 20 =$

7)  $14 \times 20 =$

2)  $14 \times 17 =$

8)  $14 \times 17 =$

3)  $14 \times 19 =$

9)  $14 \times 20 =$

4)  $14 \times 17 =$

10)  $14 \times 21 =$

5)  $14 \times 18 =$

11)  $14 \times 18 =$

6)  $14 \times 19 =$

12)  $14 \times 17 =$

## Section 16. Multiplication: 14x17 to 14x21

*Solve each problem and write the answer in the box.*

1)  $14 \times 20 =$

7)  $14 \times 17 =$

2)  $14 \times 19 =$

8)  $14 \times 20 =$

3)  $14 \times 17 =$

9)  $14 \times 21 =$

4)  $14 \times 19 =$

10)  $14 \times 20 =$

5)  $14 \times 18 =$

11)  $14 \times 17 =$

6)  $14 \times 21 =$

12)  $14 \times 20 =$

Section 16. Multiplication:  $14 \times 17$  to  $14 \times 21$ 

*Solve each problem and write the answer in the box.*

1)  $14 \times 21 =$

7)  $14 \times 20 =$

2)  $14 \times 17 =$

8)  $14 \times 18 =$

3)  $14 \times 18 =$

9)  $14 \times 17 =$

4)  $14 \times 20 =$

10)  $14 \times 20 =$

5)  $14 \times 19 =$

11)  $14 \times 18 =$

6)  $14 \times 18 =$

12)  $14 \times 19 =$

Section 16. Multiplication:  $14 \times 17$  to  $14 \times 21$ 

*Solve each problem and write the answer in the box.*

1)  $14 \times 20 =$

7)  $14 \times 21 =$

2)  $14 \times 19 =$

8)  $14 \times 20 =$

3)  $14 \times 18 =$

9)  $14 \times 18 =$

4)  $14 \times 17 =$

10)  $14 \times 19 =$

5)  $14 \times 19 =$

11)  $14 \times 18 =$

6)  $14 \times 17 =$

12)  $14 \times 21 =$

Section 16. Multiplication:  $14 \times 17$  to  $14 \times 21$

*Solve each problem and write the answer in the box.*

1)  $14 \times 21 =$

7)  $14 \times 18 =$

2)  $14 \times 17 =$

8)  $14 \times 20 =$

3)  $14 \times 18 =$

9)  $14 \times 17 =$

4)  $14 \times 21 =$

10)  $14 \times 19 =$

5)  $14 \times 17 =$

11)  $14 \times 17 =$

6)  $14 \times 21 =$

12)  $14 \times 19 =$



Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $9 \times 19 =$

7)  $6 \times 10 =$

2)  $12 \times 9 =$

8)  $11 \times 10 =$

3)  $9 \times 9 =$

9)  $12 \times 14 =$

4)  $11 \times 9 =$

10)  $7 \times 16 =$

5)  $8 \times 11 =$

11)  $8 \times 18 =$

6)  $12 \times 10 =$

12)  $12 \times 19 =$

Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $12 \times 8 =$

7)  $6 \times 20 =$

2)  $8 \times 14 =$

8)  $10 \times 14 =$

3)  $10 \times 7 =$

9)  $8 \times 13 =$

4)  $9 \times 18 =$

10)  $14 \times 13 =$

5)  $13 \times 18 =$

11)  $14 \div 7 =$

6)  $6 \times 11 =$

12)  $14 \times 9 =$

Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $11 \times 17 =$

7)  $9 \times 21 =$

2)  $14 \div 7 =$

8)  $10 \times 6 =$

3)  $12 \div 6 =$

9)  $12 \times 12 =$

4)  $13 \times 13 =$

10)  $8 \times 8 =$

5)  $12 \times 10 =$

11)  $14 \times 10 =$

6)  $13 \times 8 =$

12)  $7 \times 18 =$

Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $12 \div 6 =$

7)  $10 \times 16 =$

2)  $6 \times 10 =$

8)  $6 \times 14 =$

3)  $7 \times 14 =$

9)  $6 \times 7 =$

4)  $6 \times 6 =$

10)  $14 \times 15 =$

5)  $14 \times 16 =$

11)  $14 \times 19 =$

6)  $9 \times 10 =$

12)  $6 \times 13 =$

Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $9 \times 12 =$

7)  $10 \times 11 =$

2)  $8 \times 16 =$

8)  $10 \times 17 =$

3)  $12 \times 13 =$

9)  $8 \times 20 =$

4)  $7 \times 10 =$

10)  $7 \times 21 =$

5)  $8 \times 15 =$

11)  $11 \times 15 =$

6)  $13 \times 9 =$

12)  $13 \times 17 =$

Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $12 \times 8 =$

7)  $9 \times 13 =$

2)  $9 \times 17 =$

8)  $8 \times 9 =$

3)  $9 \times 6 =$

9)  $12 \times 6 =$

4)  $7 \times 7 =$

10)  $7 \times 8 =$

5)  $10 \times 20 =$

11)  $8 \times 17 =$

6)  $14 \times 19 =$

12)  $7 \times 13 =$

Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $6 \times 19 =$

7)  $12 \times 19 =$

2)  $8 \times 21 =$

8)  $12 \times 7 =$

3)  $14 \times 15 =$

9)  $12 \times 11 =$

4)  $10 \times 9 =$

10)  $13 \times 21 =$

5)  $6 \times 7 =$

11)  $11 \times 19 =$

6)  $14 \times 11 =$

12)  $7 \times 17 =$

## Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $12 \div 6 =$

7)  $11 \times 18 =$

2)  $7 \times 12 =$

8)  $11 \times 19 =$

3)  $10 \times 12 =$

9)  $14 \times 10 =$

4)  $6 \times 13 =$

10)  $12 \times 21 =$

5)  $13 \times 7 =$

11)  $10 \times 11 =$

6)  $11 \times 8 =$

12)  $13 \times 8 =$



Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $11 \times 12 =$

7)  $10 \times 8 =$

2)  $7 \times 6 =$

8)  $6 \times 9 =$

3)  $12 \div 6 =$

9)  $8 \times 15 =$

4)  $14 \times 8 =$

10)  $7 \times 21 =$

5)  $9 \times 13 =$

11)  $13 \times 8 =$

6)  $12 \times 14 =$

12)  $12 \times 18 =$

Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $12 \times 20 =$

7)  $12 \times 19 =$

2)  $14 \div 7 =$

8)  $12 \times 16 =$

3)  $14 \times 6 =$

9)  $11 \times 16 =$

4)  $7 \times 15 =$

10)  $14 \times 10 =$

5)  $11 \times 20 =$

11)  $6 \times 12 =$

6)  $7 \times 11 =$

12)  $12 \times 14 =$

Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $8 \times 8 =$

7)  $12 \times 14 =$

2)  $10 \times 20 =$

8)  $13 \times 10 =$

3)  $7 \times 19 =$

9)  $9 \times 12 =$

4)  $9 \times 17 =$

10)  $6 \times 17 =$

5)  $12 \div 6 =$

11)  $8 \times 20 =$

6)  $8 \times 16 =$

12)  $14 \times 11 =$

Section 17. Revision: 6-14 x 6-21

*Solve each problem and write the answer in the box.*

1)  $7 \times 8 =$

7)  $11 \times 13 =$

2)  $12 \times 9 =$

8)  $12 \times 7 =$

3)  $14 \div 7 =$

9)  $6 \times 10 =$

4)  $13 \times 18 =$

10)  $12 \times 11 =$

5)  $9 \times 21 =$

11)  $12 \times 13 =$

6)  $11 \times 20 =$

12)  $8 \times 9 =$

## Section 18. Multiplication: 15x10 to 15x12

*Solve each problem and write the answer in the box.*

1)  $15 \times 10 =$

7)  $15 \times 10 =$

2)  $15 \times 12 =$

8)  $15 \times 12 =$

3)  $15 \times 11 =$

9)  $15 \times 10 =$

4)  $15 \times 12 =$

10)  $15 \times 11 =$

5)  $15 \times 10 =$

11)  $15 \times 12 =$

6)  $15 \times 12 =$

12)  $15 \times 10 =$

## Section 18. Multiplication: 15x10 to 15x12

*Solve each problem and write the answer in the box.*

1)  $15 \times 10 =$

7)  $15 \times 10 =$

2)  $15 \times 11 =$

8)  $15 \times 11 =$

3)  $15 \times 12 =$

9)  $15 \times 10 =$

4)  $15 \times 10 =$

10)  $15 \times 12 =$

5)  $15 \times 12 =$

11)  $15 \times 11 =$

6)  $15 \times 11 =$

12)  $15 \times 12 =$

## Section 18. Multiplication: 15x10 to 15x12

*Solve each problem and write the answer in the box.*

1)  $15 \times 10 =$

7)  $15 \times 10 =$

2)  $15 \times 11 =$

8)  $15 \times 12 =$

3)  $15 \times 10 =$

9)  $15 \times 11 =$

4)  $15 \times 12 =$

10)  $15 \times 12 =$

5)  $15 \times 10 =$

11)  $15 \times 11 =$

6)  $15 \times 11 =$

12)  $15 \times 10 =$

Section 18. Multiplication:  $15 \times 10$  to  $15 \times 12$ 

Solve each problem and write the answer in the box.

1)  $15 \times 12 =$

7)  $15 \times 11 =$

2)  $15 \times 11 =$

8)  $15 \times 10 =$

3)  $15 \times 10 =$

9)  $15 \times 12 =$

4)  $15 \times 11 =$

10)  $15 \times 11 =$

5)  $15 \times 12 =$

11)  $15 \times 12 =$

6)  $15 \times 10 =$

12)  $15 \times 11 =$



## Section 18. Multiplication: 15x10 to 15x12

*Solve each problem and write the answer in the box.*

1)  $15 \times 10 =$

7)  $15 \times 11 =$

2)  $15 \times 11 =$

8)  $15 \times 12 =$

3)  $15 \times 10 =$

9)  $15 \times 11 =$

4)  $15 \times 12 =$

10)  $15 \times 10 =$

5)  $15 \times 11 =$

11)  $15 \times 11 =$

6)  $15 \times 12 =$

12)  $15 \times 12 =$

## Section 18. Multiplication: 15x10 to 15x12

*Solve each problem and write the answer in the box.*

1)  $15 \times 12 =$

7)  $15 \times 10 =$

2)  $15 \times 11 =$

8)  $15 \times 11 =$

3)  $15 \times 10 =$

9)  $15 \times 10 =$

4)  $15 \times 11 =$

10)  $15 \times 12 =$

5)  $15 \times 12 =$

11)  $15 \times 10 =$

6)  $15 \times 11 =$

12)  $15 \times 11 =$

Section 18. Multiplication:  $15 \times 10$  to  $15 \times 12$ 

*Solve each problem and write the answer in the box.*

1)  $15 \times 10 =$

7)  $15 \times 10 =$

2)  $15 \times 11 =$

8)  $15 \times 12 =$

3)  $15 \times 12 =$

9)  $15 \times 11 =$

4)  $15 \times 11 =$

10)  $15 \times 10 =$

5)  $15 \times 10 =$

11)  $15 \times 12 =$

6)  $15 \times 11 =$

12)  $15 \times 11 =$

## Section 18. Multiplication: 15x10 to 15x12

*Solve each problem and write the answer in the box.*

1)  $15 \times 10 =$

7)  $15 \times 12 =$

2)  $15 \times 12 =$

8)  $15 \times 10 =$

3)  $15 \times 10 =$

9)  $15 \times 12 =$

4)  $15 \times 11 =$

10)  $15 \times 11 =$

5)  $15 \times 10 =$

11)  $15 \times 10 =$

6)  $15 \times 11 =$

12)  $15 \times 11 =$

## Section 18. Multiplication: 15x10 to 15x12

*Solve each problem and write the answer in the box.*

1)  $15 \times 10 =$

7)  $15 \times 11 =$

2)  $15 \times 12 =$

8)  $15 \times 10 =$

3)  $15 \times 10 =$

9)  $15 \times 11 =$

4)  $15 \times 11 =$

10)  $15 \times 12 =$

5)  $15 \times 10 =$

11)  $15 \times 11 =$

6)  $15 \times 12 =$

12)  $15 \times 10 =$

## Section 18. Multiplication: 15x10 to 15x12

*Solve each problem and write the answer in the box.*

1)  $15 \times 11 =$

7)  $15 \times 12 =$

2)  $15 \times 12 =$

8)  $15 \times 11 =$

3)  $15 \times 11 =$

9)  $15 \times 10 =$

4)  $15 \times 12 =$

10)  $15 \times 11 =$

5)  $15 \times 11 =$

11)  $15 \times 10 =$

6)  $15 \times 10 =$

12)  $15 \times 12 =$

## Section 18. Multiplication: 15x10 to 15x12

*Solve each problem and write the answer in the box.*

1)  $15 \times 12 =$

7)  $15 \times 12 =$

2)  $15 \times 10 =$

8)  $15 \times 11 =$

3)  $15 \times 11 =$

9)  $15 \times 12 =$

4)  $15 \times 10 =$

10)  $15 \times 11 =$

5)  $15 \times 12 =$

11)  $15 \times 10 =$

6)  $15 \times 11 =$

12)  $15 \times 12 =$

## Section 18. Multiplication: 15x10 to 15x12

*Solve each problem and write the answer in the box.*

1)  $15 \times 11 =$

7)  $15 \times 12 =$

2)  $15 \times 10 =$

8)  $15 \times 10 =$

3)  $15 \times 12 =$

9)  $15 \times 12 =$

4)  $15 \times 11 =$

10)  $15 \times 10 =$

5)  $15 \times 12 =$

11)  $15 \times 12 =$

6)  $15 \times 10 =$

12)  $15 \times 11 =$



## Section 19. Multiplication: 15x13 to 15x16

*Solve each problem and write the answer in the box.*

1)  $15 \times 15 =$

7)  $15 \times 14 =$

2)  $15 \times 14 =$

8)  $15 \times 13 =$

3)  $15 \times 13 =$

9)  $15 \times 16 =$

4)  $15 \times 16 =$

10)  $15 \times 13 =$

5)  $15 \times 13 =$

11)  $15 \times 15 =$

6)  $15 \times 16 =$

12)  $15 \times 14 =$

## Section 19. Multiplication: 15x13 to 15x16

*Solve each problem and write the answer in the box.*

1)  $15 \times 13 =$

7)  $15 \times 13 =$

2)  $15 \times 15 =$

8)  $15 \times 15 =$

3)  $15 \times 13 =$

9)  $15 \times 14 =$

4)  $15 \times 16 =$

10)  $15 \times 16 =$

5)  $15 \times 13 =$

11)  $15 \times 15 =$

6)  $15 \times 14 =$

12)  $15 \times 13 =$

## Section 19. Multiplication: 15x13 to 15x16

*Solve each problem and write the answer in the box.*

1)  $15 \times 14 =$

7)  $15 \times 16 =$

2)  $15 \times 16 =$

8)  $15 \times 14 =$

3)  $15 \times 14 =$

9)  $15 \times 16 =$

4)  $15 \times 13 =$

10)  $15 \times 14 =$

5)  $15 \times 16 =$

11)  $15 \times 16 =$

6)  $15 \times 14 =$

12)  $15 \times 13 =$

Section 19. Multiplication:  $15 \times 13$  to  $15 \times 16$ 

Solve each problem and write the answer in the box.

1)  $15 \times 13 =$

7)  $15 \times 14 =$

2)  $15 \times 15 =$

8)  $15 \times 13 =$

3)  $15 \times 14 =$

9)  $15 \times 14 =$

4)  $15 \times 15 =$

10)  $15 \times 16 =$

5)  $15 \times 13 =$

11)  $15 \times 14 =$

6)  $15 \times 16 =$

12)  $15 \times 13 =$

## Section 19. Multiplication: 15x13 to 15x16

*Solve each problem and write the answer in the box.*

1)  $15 \times 13 =$

7)  $15 \times 15 =$

2)  $15 \times 14 =$

8)  $15 \times 13 =$

3)  $15 \times 13 =$

9)  $15 \times 15 =$

4)  $15 \times 15 =$

10)  $15 \times 16 =$

5)  $15 \times 13 =$

11)  $15 \times 14 =$

6)  $15 \times 14 =$

12)  $15 \times 13 =$

## Section 19. Multiplication: 15x13 to 15x16

*Solve each problem and write the answer in the box.*

1)  $15 \times 13 =$

7)  $15 \times 14 =$

2)  $15 \times 14 =$

8)  $15 \times 13 =$

3)  $15 \times 15 =$

9)  $15 \times 16 =$

4)  $15 \times 14 =$

10)  $15 \times 13 =$

5)  $15 \times 13 =$

11)  $15 \times 14 =$

6)  $15 \times 15 =$

12)  $15 \times 13 =$

## Section 19. Multiplication: 15x13 to 15x16

*Solve each problem and write the answer in the box.*

1)  $15 \times 13 =$

7)  $15 \times 16 =$

2)  $15 \times 16 =$

8)  $15 \times 13 =$

3)  $15 \times 15 =$

9)  $15 \times 15 =$

4)  $15 \times 13 =$

10)  $15 \times 13 =$

5)  $15 \times 16 =$

11)  $15 \times 15 =$

6)  $15 \times 13 =$

12)  $15 \times 16 =$

## Section 19. Multiplication: 15x13 to 15x16

*Solve each problem and write the answer in the box.*

1)  $15 \times 13 =$

7)  $15 \times 15 =$

2)  $15 \times 15 =$

8)  $15 \times 14 =$

3)  $15 \times 14 =$

9)  $15 \times 15 =$

4)  $15 \times 13 =$

10)  $15 \times 14 =$

5)  $15 \times 16 =$

11)  $15 \times 13 =$

6)  $15 \times 13 =$

12)  $15 \times 15 =$



## Section 19. Multiplication: 15x13 to 15x16

*Solve each problem and write the answer in the box.*

1)  $15 \times 15 =$

7)  $15 \times 16 =$

2)  $15 \times 13 =$

8)  $15 \times 14 =$

3)  $15 \times 15 =$

9)  $15 \times 13 =$

4)  $15 \times 13 =$

10)  $15 \times 14 =$

5)  $15 \times 16 =$

11)  $15 \times 15 =$

6)  $15 \times 14 =$

12)  $15 \times 16 =$

## Section 19. Multiplication: 15x13 to 15x16

*Solve each problem and write the answer in the box.*

1)  $15 \times 15 =$

7)  $15 \times 14 =$

2)  $15 \times 14 =$

8)  $15 \times 16 =$

3)  $15 \times 16 =$

9)  $15 \times 15 =$

4)  $15 \times 14 =$

10)  $15 \times 13 =$

5)  $15 \times 15 =$

11)  $15 \times 16 =$

6)  $15 \times 13 =$

12)  $15 \times 14 =$

## Section 19. Multiplication: 15x13 to 15x16

*Solve each problem and write the answer in the box.*

1)  $15 \times 13 =$

7)  $15 \times 13 =$

2)  $15 \times 16 =$

8)  $15 \times 15 =$

3)  $15 \times 13 =$

9)  $15 \times 16 =$

4)  $15 \times 16 =$

10)  $15 \times 13 =$

5)  $15 \times 13 =$

11)  $15 \times 15 =$

6)  $15 \times 16 =$

12)  $15 \times 13 =$

Section 19. Multiplication:  $15 \times 13$  to  $15 \times 16$ 

*Solve each problem and write the answer in the box.*

1)  $15 \times 15 =$

7)  $15 \times 13 =$

2)  $15 \times 14 =$

8)  $15 \times 15 =$

3)  $15 \times 15 =$

9)  $15 \times 16 =$

4)  $15 \times 16 =$

10)  $15 \times 13 =$

5)  $15 \times 15 =$

11)  $15 \times 16 =$

6)  $15 \times 14 =$

12)  $15 \times 14 =$

Section 20. Multiplication:  $15 \times 17$  to  $15 \times 22$ 

*Solve each problem and write the answer in the box.*

1)  $15 \times 17 =$

7)  $15 \times 20 =$

2)  $15 \times 21 =$

8)  $15 \times 19 =$

3)  $15 \times 19 =$

9)  $15 \times 17 =$

4)  $15 \times 17 =$

10)  $15 \times 20 =$

5)  $15 \times 19 =$

11)  $15 \times 18 =$

6)  $15 \times 18 =$

12)  $15 \times 21 =$

## Section 20. Multiplication: 15x17 to 15x22

*Solve each problem and write the answer in the box.*

1)  $15 \times 21 =$

7)  $15 \times 22 =$

2)  $15 \times 19 =$

8)  $15 \times 20 =$

3)  $15 \times 17 =$

9)  $15 \times 22 =$

4)  $15 \times 20 =$

10)  $15 \times 19 =$

5)  $15 \times 22 =$

11)  $15 \times 20 =$

6)  $15 \times 18 =$

12)  $15 \times 19 =$

## Section 20. Multiplication: 15x17 to 15x22

*Solve each problem and write the answer in the box.*

1)  $15 \times 20 =$

7)  $15 \times 20 =$

2)  $15 \times 19 =$

8)  $15 \times 19 =$

3)  $15 \times 20 =$

9)  $15 \times 21 =$

4)  $15 \times 21 =$

10)  $15 \times 19 =$

5)  $15 \times 22 =$

11)  $15 \times 21 =$

6)  $15 \times 18 =$

12)  $15 \times 17 =$

Section 20. Multiplication:  $15 \times 17$  to  $15 \times 22$ 

*Solve each problem and write the answer in the box.*

1)  $15 \times 21 =$

7)  $15 \times 17 =$

2)  $15 \times 17 =$

8)  $15 \times 21 =$

3)  $15 \times 19 =$

9)  $15 \times 20 =$

4)  $15 \times 22 =$

10)  $15 \times 19 =$

5)  $15 \times 19 =$

11)  $15 \times 17 =$

6)  $15 \times 22 =$

12)  $15 \times 20 =$



## Section 20. Multiplication: 15x17 to 15x22

*Solve each problem and write the answer in the box.*

1)  $15 \times 18 =$

7)  $15 \times 21 =$

2)  $15 \times 22 =$

8)  $15 \times 22 =$

3)  $15 \times 19 =$

9)  $15 \times 20 =$

4)  $15 \times 21 =$

10)  $15 \times 22 =$

5)  $15 \times 20 =$

11)  $15 \times 21 =$

6)  $15 \times 19 =$

12)  $15 \times 18 =$

## Section 20. Multiplication: 15x17 to 15x22

*Solve each problem and write the answer in the box.*

1)  $15 \times 20 =$

7)  $15 \times 17 =$

2)  $15 \times 19 =$

8)  $15 \times 20 =$

3)  $15 \times 17 =$

9)  $15 \times 18 =$

4)  $15 \times 21 =$

10)  $15 \times 17 =$

5)  $15 \times 19 =$

11)  $15 \times 18 =$

6)  $15 \times 20 =$

12)  $15 \times 22 =$

## Section 20. Multiplication: 15x17 to 15x22

*Solve each problem and write the answer in the box.*

1)  $15 \times 17 =$

7)  $15 \times 22 =$

2)  $15 \times 20 =$

8)  $15 \times 21 =$

3)  $15 \times 21 =$

9)  $15 \times 19 =$

4)  $15 \times 19 =$

10)  $15 \times 18 =$

5)  $15 \times 21 =$

11)  $15 \times 17 =$

6)  $15 \times 20 =$

12)  $15 \times 18 =$

## Section 20. Multiplication: 15x17 to 15x22

*Solve each problem and write the answer in the box.*

1)  $15 \times 19 =$

7)  $15 \times 18 =$

2)  $15 \times 21 =$

8)  $15 \times 21 =$

3)  $15 \times 17 =$

9)  $15 \times 18 =$

4)  $15 \times 19 =$

10)  $15 \times 21 =$

5)  $15 \times 21 =$

11)  $15 \times 18 =$

6)  $15 \times 22 =$

12)  $15 \times 19 =$

## Section 20. Multiplication: 15x17 to 15x22

*Solve each problem and write the answer in the box.*

1)  $15 \times 19 =$

7)  $15 \times 18 =$

2)  $15 \times 22 =$

8)  $15 \times 17 =$

3)  $15 \times 17 =$

9)  $15 \times 20 =$

4)  $15 \times 21 =$

10)  $15 \times 21 =$

5)  $15 \times 19 =$

11)  $15 \times 19 =$

6)  $15 \times 21 =$

12)  $15 \times 17 =$

## Section 20. Multiplication: 15x17 to 15x22

*Solve each problem and write the answer in the box.*

1)  $15 \times 20 =$

7)  $15 \times 21 =$

2)  $15 \times 18 =$

8)  $15 \times 17 =$

3)  $15 \times 19 =$

9)  $15 \times 20 =$

4)  $15 \times 18 =$

10)  $15 \times 19 =$

5)  $15 \times 21 =$

11)  $15 \times 22 =$

6)  $15 \times 17 =$

12)  $15 \times 20 =$

## Section 20. Multiplication: 15x17 to 15x22

*Solve each problem and write the answer in the box.*

1)  $15 \times 22 =$

7)  $15 \times 22 =$

2)  $15 \times 19 =$

8)  $15 \times 21 =$

3)  $15 \times 22 =$

9)  $15 \times 22 =$

4)  $15 \times 17 =$

10)  $15 \times 18 =$

5)  $15 \times 19 =$

11)  $15 \times 17 =$

6)  $15 \times 18 =$

12)  $15 \times 22 =$

Section 20. Multiplication:  $15 \times 17$  to  $15 \times 22$ 

*Solve each problem and write the answer in the box.*

1)  $15 \times 22 =$

7)  $15 \times 17 =$

2)  $15 \times 19 =$

8)  $15 \times 20 =$

3)  $15 \times 21 =$

9)  $15 \times 19 =$

4)  $15 \times 17 =$

10)  $15 \times 22 =$

5)  $15 \times 22 =$

11)  $15 \times 19 =$

6)  $15 \times 19 =$

12)  $15 \times 20 =$



Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $12 \div 6 =$

7)  $11 \times 15 =$

2)  $15 \times 9 =$

8)  $8 \times 14 =$

3)  $14 \div 7 =$

9)  $12 \times 9 =$

4)  $8 \times 8 =$

10)  $15 \times 14 =$

5)  $8 \times 10 =$

11)  $6 \times 17 =$

6)  $8 \times 9 =$

12)  $10 \times 22 =$

Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $12 \times 21 =$

7)  $10 \times 22 =$

2)  $8 \times 17 =$

8)  $15 \times 10 =$

3)  $13 \times 20 =$

9)  $11 \times 7 =$

4)  $9 \times 22 =$

10)  $10 \times 10 =$

5)  $12 \times 19 =$

11)  $12 \div 6 =$

6)  $8 \times 22 =$

12)  $8 \times 15 =$

Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $9 \times 12 =$

7)  $11 \times 17 =$

2)  $8 \times 17 =$

8)  $15 \times 18 =$

3)  $13 \times 11 =$

9)  $9 \times 10 =$

4)  $13 \times 18 =$

10)  $9 \times 15 =$

5)  $12 \times 10 =$

11)  $10 \times 19 =$

6)  $9 \times 11 =$

12)  $8 \times 18 =$

Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $13 \times 8 =$

7)  $6 \times 16 =$

2)  $12 \div 6 =$

8)  $13 \times 15 =$

3)  $13 \times 18 =$

9)  $7 \times 21 =$

4)  $14 \div 7 =$

10)  $15 \times 17 =$

5)  $15 \times 20 =$

11)  $14 \times 14 =$

6)  $8 \times 19 =$

12)  $10 \times 17 =$

Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $10 \times 18 =$

7)  $8 \times 10 =$

2)  $11 \times 18 =$

8)  $12 \div 6 =$

3)  $7 \times 10 =$

9)  $15 \times 15 =$

4)  $11 \times 19 =$

10)  $8 \times 15 =$

5)  $13 \times 12 =$

11)  $6 \times 12 =$

6)  $10 \times 16 =$

12)  $10 \times 17 =$

Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $15 \times 18 =$

7)  $15 \times 15 =$

2)  $10 \times 14 =$

8)  $12 \div 6 =$

3)  $12 \times 12 =$

9)  $13 \times 21 =$

4)  $12 \times 10 =$

10)  $14 \times 11 =$

5)  $9 \times 13 =$

11)  $14 \div 7 =$

6)  $11 \times 13 =$

12)  $9 \times 22 =$

Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $8 \times 11 =$

7)  $11 \times 22 =$

2)  $12 \div 6 =$

8)  $12 \times 15 =$

3)  $12 \times 12 =$

9)  $14 \times 16 =$

4)  $7 \times 15 =$

10)  $12 \times 19 =$

5)  $8 \times 18 =$

11)  $6 \times 13 =$

6)  $12 \times 14 =$

12)  $15 \times 22 =$

Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $15 \times 19 =$

7)  $9 \times 20 =$

2)  $11 \times 13 =$

8)  $13 \times 22 =$

3)  $15 \times 21 =$

9)  $15 \times 16 =$

4)  $11 \times 6 =$

10)  $6 \times 7 =$

5)  $8 \times 20 =$

11)  $12 \times 14 =$

6)  $13 \times 12 =$

12)  $15 \times 6 =$



Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $7 \times 13 =$

7)  $14 \times 8 =$

2)  $11 \times 21 =$

8)  $12 \div 6 =$

3)  $14 \div 7 =$

9)  $11 \times 17 =$

4)  $7 \times 7 =$

10)  $11 \times 20 =$

5)  $11 \times 19 =$

11)  $13 \times 17 =$

6)  $8 \times 15 =$

12)  $8 \times 9 =$

Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $11 \times 10 =$

7)  $11 \times 7 =$

2)  $7 \times 16 =$

8)  $10 \times 8 =$

3)  $10 \times 12 =$

9)  $13 \times 22 =$

4)  $8 \times 14 =$

10)  $9 \times 14 =$

5)  $9 \times 17 =$

11)  $9 \times 13 =$

6)  $14 \times 13 =$

12)  $15 \times 14 =$

Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $7 \times 10 =$

7)  $15 \times 19 =$

2)  $14 \div 7 =$

8)  $13 \times 12 =$

3)  $9 \times 21 =$

9)  $12 \div 6 =$

4)  $11 \times 8 =$

10)  $8 \times 21 =$

5)  $13 \times 9 =$

11)  $11 \times 22 =$

6)  $14 \times 12 =$

12)  $8 \times 8 =$

Section 21. Revision: 6-15 x 6-22

*Solve each problem and write the answer in the box.*

1)  $13 \times 16 =$

7)  $10 \times 16 =$

2)  $9 \times 9 =$

8)  $12 \div 6 =$

3)  $9 \times 15 =$

9)  $12 \times 17 =$

4)  $11 \times 11 =$

10)  $13 \times 14 =$

5)  $12 \times 11 =$

11)  $9 \times 12 =$

6)  $15 \times 11 =$

12)  $15 \times 22 =$

## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $17 \times 16 =$

7)  $16 \times 18 =$

2)  $18 \times 17 =$

8)  $16 \times 16 =$

3)  $18 \times 16 =$

9)  $18 \times 18 =$

4)  $17 \times 16 =$

10)  $17 \times 18 =$

5)  $18 \times 18 =$

11)  $16 \times 17 =$

6)  $16 \times 16 =$

12)  $16 \times 18 =$

## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $17 \times 17 =$

7)  $17 \times 17 =$

2)  $16 \times 18 =$

8)  $18 \times 16 =$

3)  $18 \times 17 =$

9)  $16 \times 16 =$

4)  $18 \times 16 =$

10)  $17 \times 18 =$

5)  $18 \times 17 =$

11)  $16 \times 17 =$

6)  $16 \times 18 =$

12)  $16 \times 18 =$

## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $16 \times 16 =$

7)  $16 \times 18 =$

2)  $17 \times 17 =$

8)  $16 \times 17 =$

3)  $17 \times 16 =$

9)  $16 \times 18 =$

4)  $18 \times 17 =$

10)  $16 \times 17 =$

5)  $16 \times 16 =$

11)  $17 \times 17 =$

6)  $17 \times 16 =$

12)  $16 \times 17 =$

## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $16 \times 17 =$

7)  $17 \times 18 =$

2)  $18 \times 18 =$

8)  $16 \times 16 =$

3)  $17 \times 16 =$

9)  $18 \times 17 =$

4)  $17 \times 17 =$

10)  $17 \times 16 =$

5)  $16 \times 17 =$

11)  $17 \times 17 =$

6)  $16 \times 16 =$

12)  $16 \times 17 =$



## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $16 \times 18 =$

7)  $17 \times 17 =$

2)  $18 \times 18 =$

8)  $18 \times 16 =$

3)  $17 \times 16 =$

9)  $16 \times 17 =$

4)  $17 \times 17 =$

10)  $16 \times 18 =$

5)  $18 \times 16 =$

11)  $16 \times 17 =$

6)  $18 \times 17 =$

12)  $17 \times 17 =$

## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $18 \times 18 =$

7)  $18 \times 16 =$

2)  $17 \times 16 =$

8)  $18 \times 18 =$

3)  $17 \times 17 =$

9)  $16 \times 16 =$

4)  $17 \times 18 =$

10)  $17 \times 16 =$

5)  $16 \times 16 =$

11)  $17 \times 17 =$

6)  $16 \times 17 =$

12)  $18 \times 17 =$

## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $18 \times 18 =$

7)  $18 \times 16 =$

2)  $17 \times 17 =$

8)  $17 \times 18 =$

3)  $17 \times 16 =$

9)  $16 \times 16 =$

4)  $18 \times 18 =$

10)  $16 \times 18 =$

5)  $17 \times 17 =$

11)  $17 \times 18 =$

6)  $16 \times 16 =$

12)  $18 \times 18 =$

## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $16 \times 17 =$

7)  $16 \times 16 =$

2)  $17 \times 18 =$

8)  $17 \times 16 =$

3)  $18 \times 18 =$

9)  $17 \times 17 =$

4)  $18 \times 17 =$

10)  $18 \times 18 =$

5)  $16 \times 16 =$

11)  $17 \times 16 =$

6)  $16 \times 18 =$

12)  $18 \times 17 =$

## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $16 \times 18 =$

7)  $16 \times 17 =$

2)  $18 \times 17 =$

8)  $17 \times 18 =$

3)  $18 \times 18 =$

9)  $18 \times 16 =$

4)  $16 \times 18 =$

10)  $18 \times 17 =$

5)  $18 \times 18 =$

11)  $17 \times 17 =$

6)  $18 \times 16 =$

12)  $18 \times 17 =$

## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $18 \times 16 =$

7)  $16 \times 17 =$

2)  $18 \times 18 =$

8)  $17 \times 17 =$

3)  $18 \times 17 =$

9)  $18 \times 17 =$

4)  $18 \times 18 =$

10)  $17 \times 17 =$

5)  $17 \times 16 =$

11)  $18 \times 17 =$

6)  $18 \times 16 =$

12)  $16 \times 17 =$

## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $16 \times 18 =$

7)  $16 \times 17 =$

2)  $16 \times 17 =$

8)  $18 \times 17 =$

3)  $18 \times 17 =$

9)  $16 \times 18 =$

4)  $18 \times 16 =$

10)  $18 \times 17 =$

5)  $17 \times 16 =$

11)  $18 \times 18 =$

6)  $16 \times 18 =$

12)  $16 \times 18 =$

## Section 22. Multiplication: 16x16 to 18x18

*Solve each problem and write the answer in the box.*

1)  $17 \times 16 =$

7)  $16 \times 18 =$

2)  $16 \times 16 =$

8)  $18 \times 17 =$

3)  $17 \times 16 =$

9)  $16 \times 18 =$

4)  $17 \times 18 =$

10)  $17 \times 18 =$

5)  $18 \times 18 =$

11)  $17 \times 16 =$

6)  $17 \times 16 =$

12)  $16 \times 18 =$



Section 23. Division: Up to  $144 \div 12$

*Solve each problem and write the answer in the box.*

1)  $143 \div 11 =$

7)  $132 \div 12 =$

2)  $121 \div 11 =$

8)  $108 \div 12 =$

3)  $132 \div 11 =$

9)  $100 \div 10 =$

4)  $144 \div 12 =$

10)  $110 \div 10 =$

5)  $110 \div 11 =$

11)  $120 \div 12 =$

6)  $120 \div 10 =$

12)  $130 \div 10 =$

Section 23. Division: Up to  $144 \div 12$

*Solve each problem and write the answer in the box.*

1)  $132 \div 11 =$

7)  $108 \div 12 =$

2)  $120 \div 10 =$

8)  $143 \div 11 =$

3)  $132 \div 12 =$

9)  $121 \div 11 =$

4)  $140 \div 10 =$

10)  $110 \div 10 =$

5)  $144 \div 12 =$

11)  $100 \div 10 =$

6)  $130 \div 10 =$

12)  $120 \div 12 =$

Section 23. Division: Up to  $144 \div 12$

*Solve each problem and write the answer in the box.*

1)  $108 \div 12 =$

7)  $120 \div 12 =$

2)  $100 \div 10 =$

8)  $120 \div 10 =$

3)  $121 \div 11 =$

9)  $140 \div 10 =$

4)  $132 \div 12 =$

10)  $143 \div 11 =$

5)  $130 \div 10 =$

11)  $144 \div 12 =$

6)  $110 \div 10 =$

12)  $132 \div 11 =$

Section 23. Division: Up to  $144 \div 12$

*Solve each problem and write the answer in the box.*

1)  $120 \div 10 =$

7)  $144 \div 12 =$

2)  $110 \div 10 =$

8)  $100 \div 10 =$

3)  $120 \div 12 =$

9)  $108 \div 12 =$

4)  $140 \div 10 =$

10)  $121 \div 11 =$

5)  $132 \div 12 =$

11)  $130 \div 10 =$

6)  $110 \div 11 =$

12)  $143 \div 11 =$

Section 23. Division: Up to  $144 \div 12$

*Solve each problem and write the answer in the box.*

1)  $110 \div 11 =$

7)  $143 \div 11 =$

2)  $132 \div 12 =$

8)  $144 \div 12 =$

3)  $110 \div 10 =$

9)  $121 \div 11 =$

4)  $120 \div 12 =$

10)  $132 \div 11 =$

5)  $108 \div 12 =$

11)  $140 \div 10 =$

6)  $130 \div 10 =$

12)  $100 \div 10 =$

Section 23. Division: Up to  $144 / 12$

*Solve each problem and write the answer in the box.*

1)  $120 / 12 =$

7)  $110 / 11 =$

2)  $143 / 11 =$

8)  $108 / 12 =$

3)  $140 / 10 =$

9)  $132 / 12 =$

4)  $121 / 11 =$

10)  $120 / 10 =$

5)  $110 / 10 =$

11)  $144 / 12 =$

6)  $130 / 10 =$

12)  $100 / 10 =$

Section 23. Division: Up to  $144 \div 12$

*Solve each problem and write the answer in the box.*

1)  $120 \div 12 =$

7)  $110 \div 10 =$

2)  $108 \div 12 =$

8)  $140 \div 10 =$

3)  $120 \div 10 =$

9)  $130 \div 10 =$

4)  $144 \div 12 =$

10)  $143 \div 11 =$

5)  $132 \div 12 =$

11)  $132 \div 11 =$

6)  $100 \div 10 =$

12)  $121 \div 11 =$

Section 23. Division: Up to  $144 \div 12$

*Solve each problem and write the answer in the box.*

1)  $108 \div 12 =$

7)  $110 \div 10 =$

2)  $132 \div 11 =$

8)  $144 \div 12 =$

3)  $120 \div 12 =$

9)  $110 \div 11 =$

4)  $120 \div 10 =$

10)  $132 \div 12 =$

5)  $143 \div 11 =$

11)  $140 \div 10 =$

6)  $121 \div 11 =$

12)  $100 \div 10 =$



Section 23. Division: Up to  $144 / 12$

*Solve each problem and write the answer in the box.*

1)  $110 / 10 =$

7)  $132 / 11 =$

2)  $121 / 11 =$

8)  $130 / 10 =$

3)  $110 / 11 =$

9)  $144 / 12 =$

4)  $120 / 12 =$

10)  $120 / 10 =$

5)  $100 / 10 =$

11)  $108 / 12 =$

6)  $143 / 11 =$

12)  $132 / 12 =$

Section 23. Division: Up to  $144 / 12$

*Solve each problem and write the answer in the box.*

1)  $100 / 10 =$

7)  $120 / 12 =$

2)  $120 / 10 =$

8)  $130 / 10 =$

3)  $110 / 10 =$

9)  $144 / 12 =$

4)  $110 / 11 =$

10)  $143 / 11 =$

5)  $132 / 12 =$

11)  $121 / 11 =$

6)  $132 / 11 =$

12)  $108 / 12 =$

Section 23. Division: Up to  $144 \div 12$

*Solve each problem and write the answer in the box.*

1)  $144 \div 12 =$

7)  $108 \div 12 =$

2)  $132 \div 11 =$

8)  $120 \div 10 =$

3)  $132 \div 12 =$

9)  $130 \div 10 =$

4)  $110 \div 10 =$

10)  $100 \div 10 =$

5)  $143 \div 11 =$

11)  $120 \div 12 =$

6)  $110 \div 11 =$

12)  $140 \div 10 =$

Section 23. Division: Up to  $144 \div 12$

*Solve each problem and write the answer in the box.*

1)  $132 \div 12 =$

7)  $132 \div 11 =$

2)  $108 \div 12 =$

8)  $110 \div 10 =$

3)  $120 \div 12 =$

9)  $143 \div 11 =$

4)  $100 \div 10 =$

10)  $140 \div 10 =$

5)  $121 \div 11 =$

11)  $120 \div 10 =$

6)  $130 \div 10 =$

12)  $144 \div 12 =$

## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $11 \times 14 =$

7)  $13 \times 13 =$

2)  $14 \times 12 =$

8)  $10 \times 10 =$

3)  $15 \times 15 =$

9)  $10 \times 12 =$

4)  $14 \times 10 =$

10)  $12 \times 13 =$

5)  $11 \times 12 =$

11)  $10 \times 15 =$

6)  $13 \times 15 =$

12)  $13 \times 11 =$

## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $12 \times 14 =$

7)  $12 \times 10 =$

2)  $13 \times 12 =$

8)  $15 \times 10 =$

3)  $12 \times 15 =$

9)  $12 \times 12 =$

4)  $11 \times 12 =$

10)  $15 \times 11 =$

5)  $15 \times 14 =$

11)  $13 \times 15 =$

6)  $11 \times 13 =$

12)  $14 \times 13 =$

## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $14 \times 11 =$

7)  $13 \times 10 =$

2)  $10 \times 12 =$

8)  $11 \times 11 =$

3)  $12 \times 15 =$

9)  $13 \times 12 =$

4)  $15 \times 13 =$

10)  $13 \times 13 =$

5)  $12 \times 14 =$

11)  $14 \times 13 =$

6)  $14 \times 10 =$

12)  $13 \times 11 =$

## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $12 \times 11 =$

7)  $10 \times 11 =$

2)  $10 \times 15 =$

8)  $14 \times 12 =$

3)  $13 \times 10 =$

9)  $13 \times 11 =$

4)  $11 \times 11 =$

10)  $14 \times 10 =$

5)  $11 \times 14 =$

11)  $13 \times 14 =$

6)  $15 \times 15 =$

12)  $10 \times 10 =$



## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $13 \times 15 =$

7)  $12 \times 13 =$

2)  $13 \times 10 =$

8)  $10 \times 12 =$

3)  $12 \times 15 =$

9)  $11 \times 11 =$

4)  $10 \times 11 =$

10)  $12 \times 11 =$

5)  $11 \times 15 =$

11)  $10 \times 14 =$

6)  $13 \times 13 =$

12)  $14 \times 11 =$

## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $10 \times 10 =$

7)  $15 \times 10 =$

2)  $13 \times 14 =$

8)  $15 \times 13 =$

3)  $15 \times 14 =$

9)  $12 \times 12 =$

4)  $11 \times 10 =$

10)  $14 \times 12 =$

5)  $13 \times 13 =$

11)  $12 \times 15 =$

6)  $10 \times 14 =$

12)  $10 \times 12 =$

## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $14 \times 12 =$

7)  $12 \times 15 =$

2)  $14 \times 11 =$

8)  $15 \times 10 =$

3)  $15 \times 13 =$

9)  $13 \times 11 =$

4)  $13 \times 10 =$

10)  $13 \times 12 =$

5)  $14 \times 10 =$

11)  $14 \times 15 =$

6)  $15 \times 11 =$

12)  $11 \times 10 =$

## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $10 \times 12 =$

7)  $15 \times 11 =$

2)  $11 \times 11 =$

8)  $14 \times 13 =$

3)  $12 \times 13 =$

9)  $14 \times 11 =$

4)  $15 \times 13 =$

10)  $12 \times 14 =$

5)  $10 \times 11 =$

11)  $15 \times 14 =$

6)  $13 \times 13 =$

12)  $11 \times 13 =$

## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $10 \times 15 =$

7)  $14 \times 15 =$

2)  $10 \times 14 =$

8)  $12 \times 14 =$

3)  $12 \times 10 =$

9)  $10 \times 10 =$

4)  $12 \times 11 =$

10)  $13 \times 14 =$

5)  $11 \times 13 =$

11)  $11 \times 14 =$

6)  $11 \times 10 =$

12)  $14 \times 14 =$

## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $13 \times 14 =$

7)  $13 \times 12 =$

2)  $14 \times 11 =$

8)  $12 \times 15 =$

3)  $15 \times 13 =$

9)  $12 \times 14 =$

4)  $13 \times 10 =$

10)  $10 \times 15 =$

5)  $11 \times 15 =$

11)  $13 \times 13 =$

6)  $12 \times 12 =$

12)  $12 \times 10 =$

## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $11 \times 12 =$

7)  $15 \times 14 =$

2)  $13 \times 13 =$

8)  $10 \times 10 =$

3)  $11 \times 11 =$

9)  $11 \times 14 =$

4)  $12 \times 10 =$

10)  $10 \times 14 =$

5)  $14 \times 14 =$

11)  $13 \times 11 =$

6)  $15 \times 15 =$

12)  $11 \times 10 =$

## Section 24. Mixed Multiplication &amp; Division: 10-15

*Solve each problem and write the answer in the box.*

1)  $10 \times 11 =$

7)  $14 \times 15 =$

2)  $13 \times 14 =$

8)  $12 \times 12 =$

3)  $11 \times 11 =$

9)  $15 \times 12 =$

4)  $11 \times 15 =$

10)  $15 \times 15 =$

5)  $13 \times 15 =$

11)  $13 \times 12 =$

6)  $12 \times 11 =$

12)  $10 \times 13 =$



Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $7 \times 22 =$

7)  $11 \times 11 =$

2)  $9 \times 11 =$

8)  $7 \times 8 =$

3)  $16 \div 8 =$

9)  $6 \times 10 =$

4)  $12 \times 18 =$

10)  $16 \times 10 =$

5)  $11 \times 17 =$

11)  $6 \times 21 =$

6)  $10 \times 13 =$

12)  $6 \times 8 =$

Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $12 \times 10 =$

7)  $9 \times 8 =$

2)  $6 \times 21 =$

8)  $15 \times 19 =$

3)  $8 \times 13 =$

9)  $11 \times 21 =$

4)  $9 \times 11 =$

10)  $6 \times 12 =$

5)  $7 \times 18 =$

11)  $8 \times 6 =$

6)  $6 \times 15 =$

12)  $13 \times 14 =$

Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $14 \div 7 =$

7)  $6 \times 9 =$

2)  $16 \times 9 =$

8)  $14 \times 14 =$

3)  $11 \times 20 =$

9)  $6 \times 22 =$

4)  $15 \times 15 =$

10)  $16 \times 22 =$

5)  $11 \times 16 =$

11)  $12 \div 6 =$

6)  $10 \times 22 =$

12)  $8 \times 18 =$

Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $9 \times 8 =$

7)  $16 \times 20 =$

2)  $6 \times 15 =$

8)  $16 \times 22 =$

3)  $8 \times 12 =$

9)  $6 \times 19 =$

4)  $6 \times 8 =$

10)  $14 \div 7 =$

5)  $6 \times 14 =$

11)  $14 \times 13 =$

6)  $16 \div 8 =$

12)  $9 \times 20 =$

Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $7 \times 10 =$

7)  $11 \times 8 =$

2)  $6 \times 13 =$

8)  $12 \div 6 =$

3)  $10 \times 11 =$

9)  $8 \times 10 =$

4)  $13 \times 16 =$

10)  $13 \times 17 =$

5)  $14 \times 20 =$

11)  $11 \times 18 =$

6)  $13 \times 14 =$

12)  $9 \times 21 =$

Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $15 \times 6 =$

7)  $10 \times 16 =$

2)  $8 \times 18 =$

8)  $9 \times 20 =$

3)  $15 \times 15 =$

9)  $8 \times 7 =$

4)  $7 \times 20 =$

10)  $6 \times 9 =$

5)  $13 \times 13 =$

11)  $8 \times 8 =$

6)  $14 \div 7 =$

12)  $12 \times 12 =$

Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $16 \div 8 =$

7)  $6 \times 17 =$

2)  $10 \times 18 =$

8)  $12 \div 6 =$

3)  $13 \times 20 =$

9)  $9 \times 10 =$

4)  $8 \times 14 =$

10)  $12 \times 7 =$

5)  $8 \times 13 =$

11)  $14 \div 7 =$

6)  $8 \times 19 =$

12)  $13 \times 19 =$

Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $14 \div 7 =$

7)  $12 \times 16 =$

2)  $12 \div 6 =$

8)  $14 \times 12 =$

3)  $9 \times 20 =$

9)  $16 \times 19 =$

4)  $12 \times 6 =$

10)  $11 \times 13 =$

5)  $14 \times 15 =$

11)  $10 \times 11 =$

6)  $13 \times 12 =$

12)  $11 \times 9 =$



Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $16 \times 18 =$

7)  $12 \times 17 =$

2)  $9 \times 14 =$

8)  $16 \times 13 =$

3)  $15 \times 6 =$

9)  $10 \times 6 =$

4)  $7 \times 6 =$

10)  $12 \times 6 =$

5)  $16 \times 9 =$

11)  $15 \times 20 =$

6)  $16 \times 10 =$

12)  $13 \times 12 =$

Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $9 \times 21 =$

7)  $15 \times 10 =$

2)  $6 \times 7 =$

8)  $16 \times 16 =$

3)  $15 \times 17 =$

9)  $10 \times 19 =$

4)  $16 \times 17 =$

10)  $14 \div 7 =$

5)  $11 \times 20 =$

11)  $10 \times 10 =$

6)  $8 \times 9 =$

12)  $10 \times 16 =$

Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $16 \div 8 =$

7)  $15 \times 12 =$

2)  $13 \times 15 =$

8)  $9 \times 7 =$

3)  $6 \times 15 =$

9)  $14 \times 15 =$

4)  $8 \times 22 =$

10)  $14 \div 7 =$

5)  $11 \times 9 =$

11)  $7 \times 6 =$

6)  $10 \times 16 =$

12)  $13 \times 7 =$

Section 25. Revision: 6-16 x 6-22

*Solve each problem and write the answer in the box.*

1)  $7 \times 16 =$

7)  $12 \times 19 =$

2)  $8 \times 9 =$

8)  $15 \times 9 =$

3)  $13 \times 12 =$

9)  $12 \div 6 =$

4)  $8 \times 22 =$

10)  $16 \times 9 =$

5)  $12 \times 6 =$

11)  $8 \times 7 =$

6)  $12 \times 12 =$

12)  $9 \times 7 =$

## Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $20 \times 19 =$

7)  $20 \times 20 =$

2)  $20 \times 20 =$

8)  $20 \times 19 =$

3)  $19 \times 19 =$

9)  $19 \times 19 =$

4)  $20 \times 19 =$

10)  $19 \times 20 =$

5)  $20 \times 20 =$

11)  $19 \times 19 =$

6)  $19 \times 19 =$

12)  $19 \times 20 =$

## Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $20 \times 20 =$

7)  $20 \times 19 =$

2)  $19 \times 20 =$

8)  $19 \times 19 =$

3)  $19 \times 19 =$

9)  $20 \times 20 =$

4)  $20 \times 20 =$

10)  $20 \times 19 =$

5)  $19 \times 20 =$

11)  $20 \times 20 =$

6)  $19 \times 19 =$

12)  $20 \times 19 =$

## Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $19 \times 19 =$

7)  $19 \times 19 =$

2)  $20 \times 19 =$

8)  $20 \times 19 =$

3)  $20 \times 20 =$

9)  $20 \times 20 =$

4)  $19 \times 20 =$

10)  $19 \times 20 =$

5)  $19 \times 19 =$

11)  $20 \times 20 =$

6)  $20 \times 19 =$

12)  $19 \times 19 =$

## Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $19 \times 20 =$

7)  $19 \times 19 =$

2)  $20 \times 20 =$

8)  $20 \times 20 =$

3)  $19 \times 19 =$

9)  $19 \times 19 =$

4)  $20 \times 19 =$

10)  $20 \times 19 =$

5)  $19 \times 19 =$

11)  $19 \times 19 =$

6)  $20 \times 19 =$

12)  $19 \times 20 =$



## Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $20 \times 20 =$

7)  $19 \times 19 =$

2)  $20 \times 19 =$

8)  $20 \times 19 =$

3)  $20 \times 20 =$

9)  $19 \times 19 =$

4)  $20 \times 19 =$

10)  $19 \times 20 =$

5)  $19 \times 19 =$

11)  $19 \times 19 =$

6)  $20 \times 19 =$

12)  $20 \times 20 =$

## Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $20 \times 20 =$

7)  $19 \times 20 =$

2)  $19 \times 19 =$

8)  $20 \times 20 =$

3)  $20 \times 20 =$

9)  $19 \times 19 =$

4)  $19 \times 19 =$

10)  $20 \times 20 =$

5)  $19 \times 20 =$

11)  $19 \times 19 =$

6)  $19 \times 19 =$

12)  $20 \times 20 =$

## Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $19 \times 19 =$

7)  $19 \times 20 =$

2)  $20 \times 19 =$

8)  $19 \times 19 =$

3)  $20 \times 20 =$

9)  $19 \times 20 =$

4)  $19 \times 19 =$

10)  $19 \times 19 =$

5)  $20 \times 19 =$

11)  $20 \times 19 =$

6)  $20 \times 20 =$

12)  $20 \times 20 =$

Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $19 \times 20 =$

7)  $19 \times 19 =$

2)  $19 \times 19 =$

8)  $19 \times 20 =$

3)  $20 \times 19 =$

9)  $19 \times 19 =$

4)  $19 \times 19 =$

10)  $20 \times 19 =$

5)  $20 \times 19 =$

11)  $20 \times 20 =$

6)  $20 \times 20 =$

12)  $19 \times 20 =$

## Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $20 \times 20 =$

7)  $20 \times 20 =$

2)  $20 \times 19 =$

8)  $20 \times 19 =$

3)  $19 \times 19 =$

9)  $20 \times 20 =$

4)  $19 \times 20 =$

10)  $20 \times 19 =$

5)  $19 \times 19 =$

11)  $20 \times 20 =$

6)  $19 \times 20 =$

12)  $19 \times 19 =$

## Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $19 \times 20 =$

7)  $20 \times 19 =$

2)  $19 \times 19 =$

8)  $19 \times 19 =$

3)  $19 \times 20 =$

9)  $20 \times 20 =$

4)  $19 \times 19 =$

10)  $19 \times 19 =$

5)  $19 \times 20 =$

11)  $19 \times 20 =$

6)  $20 \times 20 =$

12)  $19 \times 19 =$

## Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $19 \times 19 =$

7)  $19 \times 19 =$

2)  $20 \times 20 =$

8)  $20 \times 20 =$

3)  $20 \times 19 =$

9)  $19 \times 19 =$

4)  $20 \times 20 =$

10)  $19 \times 20 =$

5)  $19 \times 19 =$

11)  $19 \times 19 =$

6)  $20 \times 19 =$

12)  $20 \times 20 =$

## Section 26. Multiplication: 19x19 to 20x20

*Solve each problem and write the answer in the box.*

1)  $20 \times 19 =$

7)  $19 \times 19 =$

2)  $20 \times 20 =$

8)  $20 \times 19 =$

3)  $19 \times 19 =$

9)  $19 \times 19 =$

4)  $19 \times 20 =$

10)  $19 \times 20 =$

5)  $20 \times 20 =$

11)  $19 \times 19 =$

6)  $20 \times 19 =$

12)  $20 \times 19 =$



Section 27. Division: Up to  $225 \div 15$

*Solve each problem and write the answer in the box.*

1)  $135 \div 15 =$

7)  $130 \div 10 =$

2)  $108 \div 12 =$

8)  $187 \div 11 =$

3)  $210 \div 15 =$

9)  $120 \div 10 =$

4)  $104 \div 13 =$

10)  $132 \div 12 =$

5)  $126 \div 14 =$

11)  $180 \div 12 =$

6)  $160 \div 10 =$

12)  $208 \div 13 =$

Section 27. Division: Up to  $225 / 15$

*Solve each problem and write the answer in the box.*

1)  $150 / 10 =$

7)  $165 / 15 =$

2)  $120 / 15 =$

8)  $196 / 14 =$

3)  $195 / 15 =$

9)  $180 / 12 =$

4)  $180 / 10 =$

10)  $110 / 11 =$

5)  $221 / 13 =$

11)  $117 / 13 =$

6)  $140 / 14 =$

12)  $198 / 11 =$

Section 27. Division: Up to  $225 / 15$

*Solve each problem and write the answer in the box.*

1)  $182 / 14 =$

7)  $110 / 11 =$

2)  $144 / 12 =$

8)  $225 / 15 =$

3)  $208 / 13 =$

9)  $196 / 14 =$

4)  $209 / 11 =$

10)  $100 / 10 =$

5)  $168 / 14 =$

11)  $110 / 10 =$

6)  $120 / 10 =$

12)  $112 / 14 =$

Section 27. Division: Up to  $225 \div 15$

*Solve each problem and write the answer in the box.*

1)  $140 \div 10 =$

7)  $165 \div 15 =$

2)  $180 \div 15 =$

8)  $170 \div 10 =$

3)  $182 \div 13 =$

9)  $221 \div 13 =$

4)  $225 \div 15 =$

10)  $130 \div 13 =$

5)  $210 \div 14 =$

11)  $210 \div 15 =$

6)  $135 \div 15 =$

12)  $195 \div 15 =$

Section 27. Division: Up to  $225 \div 15$

*Solve each problem and write the answer in the box.*

1)  $220 \div 11 =$

7)  $120 \div 15 =$

2)  $132 \div 12 =$

8)  $190 \div 10 =$

3)  $169 \div 13 =$

9)  $216 \div 12 =$

4)  $204 \div 12 =$

10)  $224 \div 14 =$

5)  $200 \div 10 =$

11)  $176 \div 11 =$

6)  $221 \div 13 =$

12)  $112 \div 14 =$

Section 27. Division: Up to  $225 \div 15$

*Solve each problem and write the answer in the box.*

1)  $104 \div 13 =$

7)  $195 \div 13 =$

2)  $220 \div 11 =$

8)  $117 \div 13 =$

3)  $190 \div 10 =$

9)  $187 \div 11 =$

4)  $160 \div 10 =$

10)  $225 \div 15 =$

5)  $176 \div 11 =$

11)  $156 \div 12 =$

6)  $182 \div 14 =$

12)  $135 \div 15 =$

Section 27. Division: Up to  $225 \div 15$

*Solve each problem and write the answer in the box.*

1)  $120 \div 10 =$

7)  $195 \div 13 =$

2)  $204 \div 12 =$

8)  $121 \div 11 =$

3)  $160 \div 10 =$

9)  $220 \div 11 =$

4)  $108 \div 12 =$

10)  $221 \div 13 =$

5)  $143 \div 13 =$

11)  $200 \div 10 =$

6)  $126 \div 14 =$

12)  $209 \div 11 =$

Section 27. Division: Up to  $225 / 15$

*Solve each problem and write the answer in the box.*

1)  $210 / 15 =$

7)  $105 / 15 =$

2)  $176 / 11 =$

8)  $225 / 15 =$

3)  $154 / 14 =$

9)  $117 / 13 =$

4)  $140 / 14 =$

10)  $143 / 13 =$

5)  $104 / 13 =$

11)  $108 / 12 =$

6)  $209 / 11 =$

12)  $135 / 15 =$



Section 27. Division: Up to  $225 \div 15$

*Solve each problem and write the answer in the box.*

1)  $126 \div 14 =$

7)  $140 \div 14 =$

2)  $130 \div 13 =$

8)  $154 \div 14 =$

3)  $200 \div 10 =$

9)  $204 \div 12 =$

4)  $198 \div 11 =$

10)  $130 \div 10 =$

5)  $210 \div 15 =$

11)  $196 \div 14 =$

6)  $180 \div 12 =$

12)  $108 \div 12 =$

Section 27. Division: Up to  $225 \div 15$

*Solve each problem and write the answer in the box.*

1)  $110 \div 11 =$

7)  $120 \div 15 =$

2)  $190 \div 10 =$

8)  $192 \div 12 =$

3)  $225 \div 15 =$

9)  $210 \div 10 =$

4)  $165 \div 15 =$

10)  $150 \div 10 =$

5)  $135 \div 15 =$

11)  $198 \div 11 =$

6)  $182 \div 14 =$

12)  $182 \div 13 =$

Section 27. Division: Up to  $225 \div 15$

*Solve each problem and write the answer in the box.*

1)  $198 \div 11 =$

7)  $196 \div 14 =$

2)  $190 \div 10 =$

8)  $135 \div 15 =$

3)  $180 \div 12 =$

9)  $204 \div 12 =$

4)  $126 \div 14 =$

10)  $104 \div 13 =$

5)  $221 \div 13 =$

11)  $225 \div 15 =$

6)  $208 \div 13 =$

12)  $130 \div 13 =$

Section 27. Division: Up to  $225 / 15$

*Solve each problem and write the answer in the box.*

1)  $108 / 12 =$

7)  $156 / 12 =$

2)  $200 / 10 =$

8)  $196 / 14 =$

3)  $182 / 13 =$

9)  $165 / 11 =$

4)  $210 / 15 =$

10)  $220 / 11 =$

5)  $154 / 11 =$

11)  $135 / 15 =$

6)  $180 / 15 =$

12)  $143 / 13 =$

## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $19 \times 19 =$

7)  $19 \times 16 =$

2)  $16 \times 16 =$

8)  $15 \times 17 =$

3)  $17 \times 19 =$

9)  $20 \times 19 =$

4)  $18 \times 17 =$

10)  $20 \times 15 =$

5)  $15 \times 19 =$

11)  $15 \times 15 =$

6)  $16 \times 18 =$

12)  $20 \times 20 =$

## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $15 \times 16 =$

7)  $17 \times 17 =$

2)  $20 \times 19 =$

8)  $17 \times 19 =$

3)  $15 \times 18 =$

9)  $18 \times 18 =$

4)  $16 \times 19 =$

10)  $16 \times 18 =$

5)  $17 \times 15 =$

11)  $15 \times 19 =$

6)  $17 \times 16 =$

12)  $18 \times 20 =$

## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $17 \times 19 =$

7)  $16 \times 17 =$

2)  $15 \times 20 =$

8)  $17 \times 17 =$

3)  $16 \times 15 =$

9)  $15 \times 19 =$

4)  $19 \times 20 =$

10)  $16 \times 20 =$

5)  $20 \times 20 =$

11)  $19 \times 16 =$

6)  $18 \times 18 =$

12)  $20 \times 17 =$

## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $15 \times 18 =$

7)  $16 \times 17 =$

2)  $15 \times 19 =$

8)  $18 \times 16 =$

3)  $18 \times 17 =$

9)  $20 \times 15 =$

4)  $20 \times 19 =$

10)  $15 \times 17 =$

5)  $19 \times 16 =$

11)  $16 \times 16 =$

6)  $20 \times 18 =$

12)  $20 \times 17 =$



## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $20 \times 18 =$

7)  $20 \times 15 =$

2)  $15 \times 18 =$

8)  $16 \times 15 =$

3)  $18 \times 16 =$

9)  $17 \times 15 =$

4)  $19 \times 15 =$

10)  $17 \times 17 =$

5)  $20 \times 20 =$

11)  $20 \times 16 =$

6)  $16 \times 19 =$

12)  $17 \times 16 =$

## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $20 \times 19 =$

7)  $15 \times 19 =$

2)  $16 \times 15 =$

8)  $16 \times 20 =$

3)  $18 \times 20 =$

9)  $16 \times 18 =$

4)  $19 \times 19 =$

10)  $15 \times 20 =$

5)  $15 \times 17 =$

11)  $15 \times 15 =$

6)  $18 \times 17 =$

12)  $16 \times 16 =$

## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $15 \times 19 =$

7)  $16 \times 17 =$

2)  $18 \times 16 =$

8)  $15 \times 15 =$

3)  $19 \times 20 =$

9)  $19 \times 17 =$

4)  $15 \times 17 =$

10)  $19 \times 16 =$

5)  $18 \times 18 =$

11)  $18 \times 17 =$

6)  $20 \times 16 =$

12)  $18 \times 15 =$

## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $18 \times 16 =$

7)  $16 \times 20 =$

2)  $16 \times 19 =$

8)  $15 \times 15 =$

3)  $18 \times 20 =$

9)  $19 \times 17 =$

4)  $18 \times 18 =$

10)  $17 \times 18 =$

5)  $16 \times 17 =$

11)  $15 \times 19 =$

6)  $17 \times 17 =$

12)  $15 \times 16 =$

## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $17 \times 20 =$

7)  $19 \times 18 =$

2)  $16 \times 20 =$

8)  $19 \times 16 =$

3)  $16 \times 18 =$

9)  $19 \times 19 =$

4)  $15 \times 17 =$

10)  $18 \times 18 =$

5)  $18 \times 17 =$

11)  $18 \times 20 =$

6)  $16 \times 17 =$

12)  $20 \times 19 =$

## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $19 \times 18 =$

7)  $17 \times 17 =$

2)  $18 \times 17 =$

8)  $20 \times 20 =$

3)  $17 \times 19 =$

9)  $19 \times 19 =$

4)  $19 \times 16 =$

10)  $20 \times 19 =$

5)  $20 \times 18 =$

11)  $17 \times 16 =$

6)  $15 \times 15 =$

12)  $20 \times 15 =$

## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $18 \times 19 =$

7)  $15 \times 16 =$

2)  $18 \times 18 =$

8)  $15 \times 15 =$

3)  $16 \times 16 =$

9)  $15 \times 18 =$

4)  $16 \times 17 =$

10)  $20 \times 19 =$

5)  $20 \times 20 =$

11)  $15 \times 19 =$

6)  $15 \times 20 =$

12)  $19 \times 16 =$

## Section 28. Mixed Multiplication &amp; Division: 15-20

*Solve each problem and write the answer in the box.*

1)  $15 \times 17 =$

7)  $18 \times 19 =$

2)  $18 \times 18 =$

8)  $16 \times 18 =$

3)  $16 \times 16 =$

9)  $17 \times 20 =$

4)  $17 \times 19 =$

10)  $18 \times 15 =$

5)  $16 \times 19 =$

11)  $15 \times 19 =$

6)  $18 \times 20 =$

12)  $16 \times 15 =$



Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $12 \times 17 =$

7)  $20 \div 10 =$

2)  $13 \times 23 =$

8)  $7 \times 10 =$

3)  $10 \times 10 =$

9)  $8 \times 20 =$

4)  $16 \times 23 =$

10)  $16 \div 8 =$

5)  $14 \times 16 =$

11)  $9 \times 15 =$

6)  $14 \div 7 =$

12)  $13 \times 11 =$

Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $16 \div 8 =$

7)  $12 \times 7 =$

2)  $7 \times 9 =$

8)  $19 \times 23 =$

3)  $17 \times 11 =$

9)  $12 \times 10 =$

4)  $19 \times 21 =$

10)  $14 \times 24 =$

5)  $14 \div 7 =$

11)  $12 \div 6 =$

6)  $7 \times 21 =$

12)  $15 \times 24 =$

Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $20 \div 10 =$

7)  $12 \times 10 =$

2)  $10 \times 18 =$

8)  $19 \times 17 =$

3)  $11 \times 19 =$

9)  $14 \div 7 =$

4)  $19 \times 15 =$

10)  $6 \times 19 =$

5)  $15 \times 20 =$

11)  $8 \times 10 =$

6)  $9 \times 22 =$

12)  $18 \times 16 =$

Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $12 \times 6 =$

7)  $15 \times 17 =$

2)  $7 \times 11 =$

8)  $18 \div 6 =$

3)  $18 \div 9 =$

9)  $20 \div 10 =$

4)  $14 \div 7 =$

10)  $16 \div 8 =$

5)  $7 \times 21 =$

11)  $20 \times 11 =$

6)  $9 \times 8 =$

12)  $9 \times 22 =$

Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $6 \times 6 =$

7)  $16 \times 8 =$

2)  $6 \times 23 =$

8)  $18 \times 21 =$

3)  $19 \times 15 =$

9)  $9 \times 16 =$

4)  $11 \times 18 =$

10)  $18 \div 9 =$

5)  $10 \times 7 =$

11)  $9 \times 6 =$

6)  $20 \times 23 =$

12)  $6 \times 17 =$

Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $9 \times 23 =$

7)  $11 \times 23 =$

2)  $20 \times 21 =$

8)  $10 \times 13 =$

3)  $12 \div 6 =$

9)  $14 \times 8 =$

4)  $15 \times 18 =$

10)  $19 \times 19 =$

5)  $19 \times 7 =$

11)  $14 \div 7 =$

6)  $6 \times 18 =$

12)  $16 \div 8 =$

Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $13 \times 23 =$

7)  $10 \times 20 =$

2)  $6 \times 16 =$

8)  $10 \times 18 =$

3)  $16 \times 9 =$

9)  $6 \times 8 =$

4)  $14 \times 20 =$

10)  $10 \times 10 =$

5)  $20 \times 7 =$

11)  $19 \times 23 =$

6)  $19 \times 21 =$

12)  $15 \times 20 =$

Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $14 \times 13 =$

7)  $17 \times 24 =$

2)  $15 \times 9 =$

8)  $8 \times 10 =$

3)  $7 \times 23 =$

9)  $6 \times 9 =$

4)  $18 \div 6 =$

10)  $8 \times 13 =$

5)  $20 \times 24 =$

11)  $20 \times 6 =$

6)  $8 \times 22 =$

12)  $7 \times 22 =$



Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $8 \times 14 =$

7)  $12 \div 6 =$

2)  $8 \times 19 =$

8)  $18 \div 9 =$

3)  $12 \times 23 =$

9)  $16 \div 8 =$

4)  $18 \div 6 =$

10)  $14 \div 7 =$

5)  $6 \times 17 =$

11)  $6 \times 7 =$

6)  $7 \times 9 =$

12)  $20 \times 22 =$

Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $11 \times 6 =$

7)  $18 \div 9 =$

2)  $12 \times 19 =$

8)  $14 \times 6 =$

3)  $16 \div 8 =$

9)  $10 \times 23 =$

4)  $20 \times 18 =$

10)  $12 \times 23 =$

5)  $17 \times 8 =$

11)  $14 \times 13 =$

6)  $10 \times 6 =$

12)  $13 \times 22 =$

Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $16 \div 8 =$

7)  $12 \times 6 =$

2)  $11 \times 24 =$

8)  $20 \div 10 =$

3)  $15 \times 20 =$

9)  $18 \div 9 =$

4)  $12 \div 6 =$

10)  $7 \times 23 =$

5)  $6 \times 8 =$

11)  $10 \times 8 =$

6)  $12 \times 17 =$

12)  $8 \times 21 =$

Section 29. Revision: 6-20 x 6-24

*Solve each problem and write the answer in the box.*

1)  $13 \times 7 =$

7)  $7 \times 18 =$

2)  $20 \div 10 =$

8)  $20 \times 16 =$

3)  $11 \times 19 =$

9)  $13 \times 11 =$

4)  $6 \times 24 =$

10)  $19 \times 10 =$

5)  $8 \times 17 =$

11)  $14 \times 11 =$

6)  $12 \div 6 =$

12)  $6 \times 8 =$

## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $21 \times 21 =$

7)  $21 \times 22 =$

2)  $22 \times 21 =$

8)  $22 \times 22 =$

3)  $22 \times 22 =$

9)  $21 \times 22 =$

4)  $21 \times 21 =$

10)  $21 \times 21 =$

5)  $22 \times 21 =$

11)  $22 \times 22 =$

6)  $22 \times 22 =$

12)  $21 \times 21 =$

## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $22 \times 22 =$

7)  $21 \times 22 =$

2)  $21 \times 22 =$

8)  $21 \times 21 =$

3)  $21 \times 21 =$

9)  $22 \times 22 =$

4)  $21 \times 22 =$

10)  $21 \times 22 =$

5)  $21 \times 21 =$

11)  $22 \times 22 =$

6)  $22 \times 22 =$

12)  $21 \times 22 =$

## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $21 \times 22 =$

7)  $22 \times 22 =$

2)  $22 \times 22 =$

8)  $21 \times 22 =$

3)  $21 \times 22 =$

9)  $21 \times 21 =$

4)  $22 \times 22 =$

10)  $22 \times 22 =$

5)  $22 \times 21 =$

11)  $21 \times 21 =$

6)  $21 \times 21 =$

12)  $22 \times 22 =$

## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $21 \times 21 =$

7)  $21 \times 21 =$

2)  $21 \times 22 =$

8)  $22 \times 22 =$

3)  $21 \times 21 =$

9)  $21 \times 22 =$

4)  $22 \times 22 =$

10)  $21 \times 21 =$

5)  $21 \times 21 =$

11)  $22 \times 22 =$

6)  $22 \times 21 =$

12)  $22 \times 21 =$



## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $22 \times 22 =$

7)  $21 \times 21 =$

2)  $22 \times 21 =$

8)  $22 \times 22 =$

3)  $21 \times 21 =$

9)  $21 \times 21 =$

4)  $22 \times 21 =$

10)  $21 \times 22 =$

5)  $21 \times 21 =$

11)  $22 \times 22 =$

6)  $22 \times 21 =$

12)  $21 \times 21 =$

## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $22 \times 22 =$

7)  $21 \times 21 =$

2)  $22 \times 21 =$

8)  $21 \times 22 =$

3)  $22 \times 22 =$

9)  $21 \times 21 =$

4)  $21 \times 22 =$

10)  $22 \times 22 =$

5)  $21 \times 21 =$

11)  $21 \times 21 =$

6)  $21 \times 22 =$

12)  $22 \times 22 =$

## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $22 \times 22 =$

7)  $21 \times 21 =$

2)  $21 \times 21 =$

8)  $22 \times 21 =$

3)  $22 \times 21 =$

9)  $21 \times 21 =$

4)  $21 \times 21 =$

10)  $22 \times 21 =$

5)  $22 \times 21 =$

11)  $21 \times 21 =$

6)  $22 \times 22 =$

12)  $21 \times 22 =$

## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $22 \times 21 =$

7)  $21 \times 21 =$

2)  $21 \times 21 =$

8)  $21 \times 22 =$

3)  $21 \times 22 =$

9)  $21 \times 21 =$

4)  $21 \times 21 =$

10)  $21 \times 22 =$

5)  $21 \times 22 =$

11)  $21 \times 21 =$

6)  $22 \times 22 =$

12)  $21 \times 22 =$

## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $22 \times 21 =$

7)  $21 \times 22 =$

2)  $21 \times 21 =$

8)  $21 \times 21 =$

3)  $22 \times 21 =$

9)  $21 \times 22 =$

4)  $22 \times 22 =$

10)  $21 \times 21 =$

5)  $21 \times 22 =$

11)  $22 \times 21 =$

6)  $21 \times 21 =$

12)  $22 \times 22 =$

## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $21 \times 21 =$

7)  $22 \times 22 =$

2)  $22 \times 21 =$

8)  $21 \times 22 =$

3)  $22 \times 22 =$

9)  $22 \times 22 =$

4)  $21 \times 21 =$

10)  $22 \times 21 =$

5)  $21 \times 22 =$

11)  $22 \times 22 =$

6)  $21 \times 21 =$

12)  $21 \times 22 =$

## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $22 \times 21 =$

7)  $21 \times 22 =$

2)  $21 \times 21 =$

8)  $22 \times 22 =$

3)  $22 \times 21 =$

9)  $21 \times 21 =$

4)  $21 \times 21 =$

10)  $21 \times 22 =$

5)  $22 \times 21 =$

11)  $22 \times 22 =$

6)  $21 \times 21 =$

12)  $21 \times 22 =$

## Section 30. Multiplication: 21x21 to 22x22

*Solve each problem and write the answer in the box.*

1)  $21 \times 22 =$

7)  $21 \times 22 =$

2)  $21 \times 21 =$

8)  $22 \times 22 =$

3)  $21 \times 22 =$

9)  $22 \times 21 =$

4)  $22 \times 22 =$

10)  $22 \times 22 =$

5)  $22 \times 21 =$

11)  $22 \times 21 =$

6)  $22 \times 22 =$

12)  $21 \times 21 =$



Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $450 / 18 =$

7)  $592 / 16 =$

2)  $546 / 21 =$

8)  $522 / 18 =$

3)  $529 / 23 =$

9)  $400 / 16 =$

4)  $550 / 22 =$

10)  $432 / 16 =$

5)  $525 / 15 =$

11)  $480 / 16 =$

6)  $609 / 21 =$

12)  $598 / 23 =$

Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $575 / 25 =$

7)  $552 / 24 =$

2)  $512 / 16 =$

8)  $525 / 25 =$

3)  $450 / 25 =$

9)  $468 / 18 =$

4)  $552 / 23 =$

10)  $420 / 15 =$

5)  $459 / 17 =$

11)  $555 / 15 =$

6)  $572 / 22 =$

12)  $594 / 22 =$

Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $615 / 15 =$

7)  $496 / 16 =$

2)  $600 / 20 =$

8)  $504 / 24 =$

3)  $405 / 15 =$

9)  $432 / 24 =$

4)  $462 / 22 =$

10)  $588 / 21 =$

5)  $464 / 16 =$

11)  $432 / 18 =$

6)  $540 / 20 =$

12)  $609 / 21 =$

Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $620 / 20 =$

7)  $450 / 18 =$

2)  $552 / 23 =$

8)  $578 / 17 =$

3)  $540 / 15 =$

9)  $612 / 18 =$

4)  $576 / 24 =$

10)  $621 / 23 =$

5)  $440 / 20 =$

11)  $465 / 15 =$

6)  $528 / 24 =$

12)  $484 / 22 =$

Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $552 / 24 =$

7)  $462 / 21 =$

2)  $528 / 24 =$

8)  $544 / 16 =$

3)  $575 / 23 =$

9)  $432 / 16 =$

4)  $408 / 17 =$

10)  $476 / 17 =$

5)  $585 / 15 =$

11)  $576 / 18 =$

6)  $465 / 15 =$

12)  $609 / 21 =$

Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $608 / 16 =$

7)  $442 / 17 =$

2)  $550 / 25 =$

8)  $414 / 23 =$

3)  $506 / 23 =$

9)  $504 / 24 =$

4)  $484 / 22 =$

10)  $493 / 17 =$

5)  $506 / 22 =$

11)  $450 / 25 =$

6)  $459 / 17 =$

12)  $520 / 20 =$

Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $462 / 21 =$

7)  $608 / 16 =$

2)  $504 / 18 =$

8)  $510 / 15 =$

3)  $483 / 21 =$

9)  $558 / 18 =$

4)  $432 / 18 =$

10)  $560 / 16 =$

5)  $414 / 23 =$

11)  $408 / 17 =$

6)  $567 / 21 =$

12)  $522 / 18 =$

Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $420 / 21 =$

7)  $432 / 24 =$

2)  $550 / 25 =$

8)  $425 / 25 =$

3)  $576 / 24 =$

9)  $496 / 16 =$

4)  $441 / 21 =$

10)  $416 / 16 =$

5)  $551 / 19 =$

11)  $520 / 20 =$

6)  $500 / 20 =$

12)  $540 / 15 =$



Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $625 / 25 =$

7)  $432 / 16 =$

2)  $561 / 17 =$

8)  $550 / 22 =$

3)  $504 / 18 =$

9)  $504 / 21 =$

4)  $570 / 15 =$

10)  $608 / 16 =$

5)  $576 / 24 =$

11)  $504 / 24 =$

6)  $493 / 17 =$

12)  $552 / 24 =$

Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $594 / 22 =$

7)  $620 / 20 =$

2)  $420 / 21 =$

8)  $600 / 25 =$

3)  $432 / 18 =$

9)  $460 / 20 =$

4)  $567 / 21 =$

10)  $625 / 25 =$

5)  $527 / 17 =$

11)  $550 / 25 =$

6)  $400 / 25 =$

12)  $475 / 19 =$

Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $621 / 23 =$

7)  $589 / 19 =$

2)  $459 / 17 =$

8)  $551 / 19 =$

3)  $408 / 17 =$

9)  $405 / 15 =$

4)  $544 / 16 =$

10)  $588 / 21 =$

5)  $400 / 20 =$

11)  $504 / 21 =$

6)  $550 / 22 =$

12)  $552 / 23 =$

Section 31. Division: Up to  $625 / 25$

*Solve each problem and write the answer in the box.*

1)  $504 / 21 =$

7)  $504 / 18 =$

2)  $576 / 24 =$

8)  $540 / 18 =$

3)  $496 / 16 =$

9)  $540 / 15 =$

4)  $525 / 21 =$

10)  $589 / 19 =$

5)  $465 / 15 =$

11)  $456 / 24 =$

6)  $405 / 15 =$

12)  $440 / 22 =$

## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $22 \times 21 =$

7)  $22 \times 22 =$

2)  $21 \times 21 =$

8)  $20 \times 20 =$

3)  $21 \times 22 =$

9)  $21 \times 22 =$

4)  $22 \times 20 =$

10)  $20 \times 20 =$

5)  $21 \times 22 =$

11)  $22 \times 22 =$

6)  $20 \times 20 =$

12)  $20 \times 21 =$

## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $21 \times 22 =$

7)  $22 \times 22 =$

2)  $22 \times 20 =$

8)  $20 \times 20 =$

3)  $22 \times 21 =$

9)  $22 \times 21 =$

4)  $22 \times 22 =$

10)  $20 \times 22 =$

5)  $20 \times 20 =$

11)  $20 \times 21 =$

6)  $22 \times 21 =$

12)  $21 \times 21 =$

## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $20 \times 20 =$

7)  $21 \times 20 =$

2)  $22 \times 22 =$

8)  $20 \times 20 =$

3)  $22 \times 20 =$

9)  $21 \times 21 =$

4)  $20 \times 20 =$

10)  $22 \times 20 =$

5)  $20 \times 21 =$

11)  $21 \times 20 =$

6)  $20 \times 20 =$

12)  $20 \times 22 =$

## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $22 \times 21 =$

7)  $20 \times 20 =$

2)  $20 \times 22 =$

8)  $22 \times 20 =$

3)  $22 \times 22 =$

9)  $20 \times 20 =$

4)  $20 \times 21 =$

10)  $20 \times 21 =$

5)  $20 \times 22 =$

11)  $20 \times 20 =$

6)  $21 \times 21 =$

12)  $20 \times 21 =$



## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $22 \times 21 =$

7)  $20 \times 21 =$

2)  $22 \times 20 =$

8)  $20 \times 22 =$

3)  $21 \times 21 =$

9)  $22 \times 21 =$

4)  $20 \times 21 =$

10)  $20 \times 20 =$

5)  $22 \times 22 =$

11)  $20 \times 21 =$

6)  $22 \times 21 =$

12)  $22 \times 21 =$

## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $20 \times 22 =$

7)  $20 \times 20 =$

2)  $21 \times 20 =$

8)  $22 \times 22 =$

3)  $21 \times 22 =$

9)  $20 \times 21 =$

4)  $22 \times 22 =$

10)  $22 \times 20 =$

5)  $21 \times 20 =$

11)  $20 \times 20 =$

6)  $22 \times 21 =$

12)  $20 \times 22 =$

## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $20 \times 22 =$

7)  $20 \times 21 =$

2)  $21 \times 20 =$

8)  $20 \times 20 =$

3)  $20 \times 20 =$

9)  $21 \times 21 =$

4)  $22 \times 21 =$

10)  $20 \times 22 =$

5)  $20 \times 20 =$

11)  $21 \times 20 =$

6)  $22 \times 22 =$

12)  $21 \times 21 =$

## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $20 \times 22 =$

7)  $22 \times 22 =$

2)  $21 \times 21 =$

8)  $20 \times 22 =$

3)  $20 \times 20 =$

9)  $20 \times 21 =$

4)  $22 \times 21 =$

10)  $22 \times 20 =$

5)  $22 \times 22 =$

11)  $20 \times 20 =$

6)  $20 \times 21 =$

12)  $20 \times 21 =$

## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $21 \times 21 =$

7)  $22 \times 20 =$

2)  $22 \times 22 =$

8)  $22 \times 22 =$

3)  $20 \times 20 =$

9)  $22 \times 21 =$

4)  $20 \times 22 =$

10)  $20 \times 21 =$

5)  $21 \times 22 =$

11)  $20 \times 20 =$

6)  $20 \times 20 =$

12)  $22 \times 21 =$

## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $20 \times 21 =$

7)  $20 \times 21 =$

2)  $22 \times 20 =$

8)  $22 \times 22 =$

3)  $20 \times 20 =$

9)  $21 \times 22 =$

4)  $22 \times 20 =$

10)  $22 \times 22 =$

5)  $20 \times 21 =$

11)  $20 \times 21 =$

6)  $22 \times 20 =$

12)  $20 \times 20 =$

## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $22 \times 22 =$

7)  $22 \times 22 =$

2)  $20 \times 21 =$

8)  $20 \times 20 =$

3)  $22 \times 21 =$

9)  $20 \times 22 =$

4)  $22 \times 22 =$

10)  $21 \times 20 =$

5)  $20 \times 21 =$

11)  $22 \times 21 =$

6)  $20 \times 20 =$

12)  $21 \times 21 =$

## Section 32. Mixed Multiplication &amp; Division: 20-22

*Solve each problem and write the answer in the box.*

1)  $22 \times 20 =$

7)  $20 \times 21 =$

2)  $22 \times 21 =$

8)  $21 \times 21 =$

3)  $20 \times 22 =$

9)  $22 \times 21 =$

4)  $21 \times 22 =$

10)  $21 \times 21 =$

5)  $22 \times 22 =$

11)  $22 \times 20 =$

6)  $22 \times 21 =$

12)  $22 \times 22 =$



Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $7 \times 16 =$

7)  $19 \times 7 =$

2)  $21 \times 22 =$

8)  $8 \times 17 =$

3)  $13 \times 12 =$

9)  $21 \times 23 =$

4)  $22 \times 12 =$

10)  $15 \times 23 =$

5)  $16 \div 8 =$

11)  $22 \div 11 =$

6)  $13 \times 22 =$

12)  $16 \times 11 =$

Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $17 \times 12 =$

7)  $22 \div 11 =$

2)  $17 \times 18 =$

8)  $6 \times 9 =$

3)  $18 \div 9 =$

9)  $19 \times 17 =$

4)  $20 \times 23 =$

10)  $7 \times 13 =$

5)  $22 \times 21 =$

11)  $7 \times 18 =$

6)  $9 \times 22 =$

12)  $15 \times 7 =$

Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $20 \div 10 =$

7)  $18 \div 6 =$

2)  $16 \times 17 =$

8)  $9 \times 13 =$

3)  $16 \times 19 =$

9)  $16 \div 8 =$

4)  $11 \times 11 =$

10)  $11 \times 25 =$

5)  $6 \times 16 =$

11)  $6 \times 13 =$

6)  $12 \times 15 =$

12)  $8 \times 21 =$

Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $10 \times 20 =$

7)  $16 \times 7 =$

2)  $22 \div 11 =$

8)  $17 \times 15 =$

3)  $17 \times 23 =$

9)  $14 \times 20 =$

4)  $16 \times 9 =$

10)  $17 \times 12 =$

5)  $18 \div 9 =$

11)  $20 \div 10 =$

6)  $20 \times 8 =$

12)  $17 \times 24 =$

Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $18 \times 6 =$

7)  $7 \times 22 =$

2)  $9 \times 24 =$

8)  $22 \times 9 =$

3)  $8 \times 6 =$

9)  $15 \times 16 =$

4)  $10 \times 24 =$

10)  $10 \times 15 =$

5)  $16 \times 17 =$

11)  $20 \times 12 =$

6)  $13 \times 19 =$

12)  $16 \div 8 =$

Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $20 \times 15 =$

7)  $15 \times 13 =$

2)  $16 \times 13 =$

8)  $18 \times 10 =$

3)  $9 \times 22 =$

9)  $14 \div 7 =$

4)  $17 \times 19 =$

10)  $9 \times 7 =$

5)  $21 \times 20 =$

11)  $6 \times 23 =$

6)  $22 \div 11 =$

12)  $16 \times 11 =$

Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $8 \times 23 =$

7)  $10 \times 15 =$

2)  $15 \times 18 =$

8)  $20 \times 8 =$

3)  $17 \times 21 =$

9)  $18 \div 6 =$

4)  $22 \times 9 =$

10)  $18 \div 9 =$

5)  $11 \times 10 =$

11)  $19 \times 21 =$

6)  $20 \times 24 =$

12)  $22 \times 18 =$

Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $8 \times 11 =$

7)  $9 \times 20 =$

2)  $6 \times 12 =$

8)  $17 \times 16 =$

3)  $8 \times 24 =$

9)  $19 \times 19 =$

4)  $21 \times 23 =$

10)  $13 \times 17 =$

5)  $14 \times 16 =$

11)  $16 \times 22 =$

6)  $6 \times 25 =$

12)  $20 \times 6 =$



Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $22 \times 21 =$

7)  $22 \times 19 =$

2)  $21 \times 20 =$

8)  $11 \times 23 =$

3)  $13 \times 12 =$

9)  $18 \times 10 =$

4)  $14 \times 9 =$

10)  $7 \times 14 =$

5)  $6 \times 25 =$

11)  $11 \times 13 =$

6)  $9 \times 17 =$

12)  $7 \times 17 =$

Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $20 \times 8 =$

7)  $17 \times 17 =$

2)  $17 \times 22 =$

8)  $9 \times 18 =$

3)  $12 \times 17 =$

9)  $10 \times 22 =$

4)  $7 \times 6 =$

10)  $21 \times 21 =$

5)  $17 \times 15 =$

11)  $20 \times 6 =$

6)  $16 \times 18 =$

12)  $19 \times 18 =$

Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $18 \div 6 =$

7)  $21 \div 7 =$

2)  $15 \times 11 =$

8)  $7 \times 12 =$

3)  $18 \times 14 =$

9)  $10 \times 21 =$

4)  $16 \div 8 =$

10)  $6 \times 14 =$

5)  $7 \times 9 =$

11)  $21 \times 19 =$

6)  $16 \times 23 =$

12)  $19 \times 10 =$

Section 33. Revision: 6-22 x 6-25

*Solve each problem and write the answer in the box.*

1)  $14 \times 14 =$

7)  $13 \times 16 =$

2)  $22 \times 24 =$

8)  $20 \div 10 =$

3)  $16 \times 12 =$

9)  $20 \times 14 =$

4)  $19 \times 24 =$

10)  $6 \times 19 =$

5)  $19 \times 21 =$

11)  $9 \times 18 =$

6)  $11 \times 11 =$

12)  $14 \div 7 =$

## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $23 \times 25 =$

7)  $23 \times 24 =$

2)  $24 \times 23 =$

8)  $23 \times 23 =$

3)  $23 \times 23 =$

9)  $24 \times 24 =$

4)  $24 \times 25 =$

10)  $23 \times 24 =$

5)  $24 \times 23 =$

11)  $23 \times 25 =$

6)  $25 \times 23 =$

12)  $23 \times 23 =$

## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $24 \times 23 =$

7)  $23 \times 25 =$

2)  $24 \times 24 =$

8)  $25 \times 25 =$

3)  $23 \times 23 =$

9)  $23 \times 25 =$

4)  $25 \times 25 =$

10)  $23 \times 24 =$

5)  $23 \times 25 =$

11)  $23 \times 25 =$

6)  $23 \times 24 =$

12)  $24 \times 25 =$

## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $23 \times 23 =$

7)  $24 \times 25 =$

2)  $24 \times 23 =$

8)  $23 \times 25 =$

3)  $25 \times 25 =$

9)  $23 \times 23 =$

4)  $23 \times 24 =$

10)  $24 \times 25 =$

5)  $23 \times 25 =$

11)  $23 \times 23 =$

6)  $23 \times 23 =$

12)  $23 \times 25 =$

## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $23 \times 24 =$

7)  $24 \times 23 =$

2)  $25 \times 23 =$

8)  $24 \times 25 =$

3)  $25 \times 24 =$

9)  $23 \times 24 =$

4)  $23 \times 24 =$

10)  $25 \times 24 =$

5)  $24 \times 25 =$

11)  $23 \times 23 =$

6)  $23 \times 23 =$

12)  $25 \times 23 =$



## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $23 \times 23 =$

7)  $23 \times 24 =$

2)  $23 \times 25 =$

8)  $25 \times 23 =$

3)  $25 \times 25 =$

9)  $25 \times 25 =$

4)  $23 \times 24 =$

10)  $23 \times 24 =$

5)  $23 \times 23 =$

11)  $25 \times 23 =$

6)  $23 \times 25 =$

12)  $25 \times 25 =$

## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $23 \times 23 =$

7)  $23 \times 25 =$

2)  $25 \times 24 =$

8)  $25 \times 24 =$

3)  $23 \times 24 =$

9)  $25 \times 23 =$

4)  $23 \times 25 =$

10)  $24 \times 25 =$

5)  $24 \times 25 =$

11)  $25 \times 25 =$

6)  $24 \times 23 =$

12)  $23 \times 24 =$

## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $23 \times 23 =$

7)  $25 \times 25 =$

2)  $25 \times 25 =$

8)  $23 \times 23 =$

3)  $24 \times 25 =$

9)  $24 \times 23 =$

4)  $23 \times 24 =$

10)  $25 \times 25 =$

5)  $25 \times 24 =$

11)  $24 \times 24 =$

6)  $24 \times 24 =$

12)  $23 \times 25 =$

## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $24 \times 25 =$

7)  $24 \times 25 =$

2)  $25 \times 23 =$

8)  $23 \times 24 =$

3)  $24 \times 24 =$

9)  $24 \times 25 =$

4)  $23 \times 24 =$

10)  $24 \times 23 =$

5)  $23 \times 23 =$

11)  $23 \times 23 =$

6)  $25 \times 25 =$

12)  $24 \times 24 =$

## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $23 \times 23 =$

7)  $24 \times 25 =$

2)  $25 \times 23 =$

8)  $23 \times 23 =$

3)  $25 \times 24 =$

9)  $24 \times 24 =$

4)  $25 \times 23 =$

10)  $23 \times 23 =$

5)  $24 \times 25 =$

11)  $25 \times 23 =$

6)  $23 \times 23 =$

12)  $24 \times 23 =$

## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $23 \times 23 =$

7)  $23 \times 23 =$

2)  $23 \times 24 =$

8)  $25 \times 25 =$

3)  $25 \times 25 =$

9)  $25 \times 23 =$

4)  $24 \times 23 =$

10)  $24 \times 23 =$

5)  $24 \times 25 =$

11)  $25 \times 23 =$

6)  $24 \times 24 =$

12)  $23 \times 23 =$

## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $24 \times 23 =$

7)  $24 \times 24 =$

2)  $25 \times 24 =$

8)  $25 \times 25 =$

3)  $25 \times 23 =$

9)  $24 \times 25 =$

4)  $23 \times 23 =$

10)  $24 \times 24 =$

5)  $25 \times 24 =$

11)  $23 \times 25 =$

6)  $23 \times 24 =$

12)  $23 \times 23 =$

## Section 34. Multiplication: 23x23 to 25x25

*Solve each problem and write the answer in the box.*

1)  $24 \times 25 =$

7)  $25 \times 23 =$

2)  $23 \times 25 =$

8)  $24 \times 25 =$

3)  $25 \times 25 =$

9)  $23 \times 24 =$

4)  $23 \times 25 =$

10)  $24 \times 25 =$

5)  $25 \times 24 =$

11)  $24 \times 24 =$

6)  $23 \times 23 =$

12)  $23 \times 24 =$



1a-1	48	2a-1	56	3a-1	36	4a-1	54
1a-2	49	2a-2	72	3a-2	42	4a-2	56
1a-3	54	2a-3	56	3a-3	63	4a-3	48
1a-4	36	2a-4	54	3a-4	54	4a-4	64
1a-5	42	2a-5	42	3a-5	81	4a-5	72
1a-6	63	2a-6	54	3a-6	36	4a-6	48
1a-7	48	2a-7	81	3a-7	72	4a-7	56
1a-8	72	2a-8	36	3a-8	49	4a-8	72
1a-9	49	2a-9	48	3a-9	63	4a-9	36
1a-10	36	2a-10	63	3a-10	56	4a-10	48
1a-11	48	2a-11	48	3a-11	42	4a-11	56
1a-12	54	2a-12	56	3a-12	36	4a-12	63
1b-1	64	2b-1	48	3b-1	42	4b-1	36
1b-2	36	2b-2	36	3b-2	81	4b-2	42
1b-3	48	2b-3	56	3b-3	63	4b-3	63
1b-4	54	2b-4	42	3b-4	72	4b-4	48
1b-5	72	2b-5	54	3b-5	49	4b-5	42
1b-6	64	2b-6	63	3b-6	42	4b-6	63
1b-7	48	2b-7	72	3b-7	48	4b-7	49
1b-8	49	2b-8	56	3b-8	63	4b-8	42
1b-9	72	2b-9	72	3b-9	42	4b-9	63
1b-10	48	2b-10	42	3b-10	54	4b-10	42
1b-11	56	2b-11	48	3b-11	56	4b-11	54
1b-12	81	2b-12	49	3b-12	48	4b-12	63

5a-1	56	6a-1	63	7a-1	36	8a-1	70
5a-2	42	6a-2	81	7a-2	88	8a-2	72
5a-3	64	6a-3	42	7a-3	99	8a-3	117
5a-4	48	6a-4	63	7a-4	54	8a-4	63
5a-5	56	6a-5	54	7a-5	26	8a-5	55
5a-6	36	6a-6	72	7a-6	70	8a-6	77
5a-7	64	6a-7	81	7a-7	18	8a-7	90
5a-8	54	6a-8	56	7a-8	45	8a-8	30
5a-9	48	6a-9	48	7a-9	50	8a-9	108
5a-10	42	6a-10	64	7a-10	39	8a-10	18
5a-11	54	6a-11	42	7a-11	52	8a-11	60
5a-12	48	6a-12	63	7a-12	44	8a-12	78
5b-1	72	6b-1	42	7b-1	99	8b-1	117
5b-2	63	6b-2	72	7b-2	132	8b-2	104
5b-3	56	6b-3	54	7b-3	45	8b-3	84
5b-4	48	6b-4	81	7b-4	33	8b-4	66
5b-5	63	6b-5	64	7b-5	120	8b-5	30
5b-6	81	6b-6	63	7b-6	39	8b-6	39
5b-7	63	6b-7	56	7b-7	24	8b-7	50
5b-8	48	6b-8	54	7b-8	36	8b-8	78
5b-9	42	6b-9	72	7b-9	90	8b-9	55
5b-10	49	6b-10	63	7b-10	52	8b-10	54
5b-11	36	6b-11	54	7b-11	143	8b-11	110
5b-12	54	6b-12	63	7b-12	108	8b-12	81

9a-1	121	10a-1	81	11a-1	80	12a-1	84
9a-2	108	10a-2	88	11a-2	33	12a-2	65
9a-3	36	10a-3	18	11a-3	91	12a-3	110
9a-4	81	10a-4	143	11a-4	22	12a-4	36
9a-5	96	10a-5	78	11a-5	143	12a-5	99
9a-6	99	10a-6	48	11a-6	48	12a-6	54
9a-7	52	10a-7	60	11a-7	77	12a-7	78
9a-8	30	10a-8	84	11a-8	99	12a-8	36
9a-9	120	10a-9	63	11a-9	65	12a-9	121
9a-10	78	10a-10	72	11a-10	60	12a-10	72
9a-11	55	10a-11	66	11a-11	84	12a-11	60
9a-12	40	10a-12	104	11a-12	20	12a-12	30
9b-1	90	10b-1	120	11b-1	36	12b-1	121
9b-2	24	10b-2	20	11b-2	120	12b-2	54
9b-3	132	10b-3	132	11b-3	48	12b-3	132
9b-4	20	10b-4	100	11b-4	91	12b-4	65
9b-5	72	10b-5	108	11b-5	33	12b-5	50
9b-6	55	10b-6	26	11b-6	84	12b-6	36
9b-7	72	10b-7	44	11b-7	99	12b-7	72
9b-8	44	10b-8	45	11b-8	60	12b-8	33
9b-9	27	10b-9	30	11b-9	72	12b-9	80
9b-10	78	10b-10	78	11b-10	90	12b-10	52
9b-11	81	10b-11	96	11b-11	18	12b-11	130
9b-12	130	10b-12	60	11b-12	22	12b-12	44

13a-1	84	14a-1	132	15a-1	112	16a-1	80
13a-2	90	14a-2	120	15a-2	77	16a-2	176
13a-3	75	14a-3	70	15a-3	30	16a-3	24
13a-4	45	14a-4	99	15a-4	45	16a-4	99
13a-5	60	14a-5	44	15a-5	154	16a-5	65
13a-6	91	14a-6	40	15a-6	26	16a-6	52
13a-7	70	14a-7	36	15a-7	70	16a-7	70
13a-8	81	14a-8	52	15a-8	64	16a-8	135
13a-9	132	14a-9	60	15a-9	42	16a-9	60
13a-10	117	14a-10	48	15a-10	39	16a-10	140
13a-11	33	14a-11	70	15a-11	72	16a-11	72
13a-12	26	14a-12	130	15a-12	22	16a-12	32
13b-1	30	14b-1	18	15b-1	84	16b-1	105
13b-2	110	14b-2	120	15b-2	22	16b-2	104
13b-3	126	14b-3	144	15b-3	165	16b-3	72
13b-4	121	14b-4	42	15b-4	36	16b-4	64
13b-5	48	14b-5	33	15b-5	120	16b-5	45
13b-6	54	14b-6	154	15b-6	128	16b-6	75
13b-7	80	14b-7	143	15b-7	56	16b-7	100
13b-8	70	14b-8	150	15b-8	70	16b-8	84
13b-9	98	14b-9	36	15b-9	44	16b-9	77
13b-10	104	14b-10	108	15b-10	39	16b-10	98
13b-11	45	14b-11	112	15b-11	104	16b-11	50
13b-12	84	14b-12	80	15b-12	100	16b-12	72

17a-1	121	18a-1	150	19a-1	45	20a-1	30
17a-2	64	18a-2	40	19a-2	40	20a-2	160
17a-3	176	18a-3	140	19a-3	108	20a-3	60
17a-4	77	18a-4	91	19a-4	90	20a-4	90
17a-5	48	18a-5	70	19a-5	28	20a-5	98
17a-6	78	18a-6	60	19a-6	72	20a-6	112
17a-7	70	18a-7	27	19a-7	42	20a-7	144
17a-8	144	18a-8	121	19a-8	66	20a-8	68
17a-9	28	18a-9	44	19a-9	80	20a-9	126
17a-10	30	18a-10	30	19a-10	33	20a-10	48
17a-11	81	18a-11	80	19a-11	198	20a-11	96
17a-12	132	18a-12	108	19a-12	130	20a-12	77
17b-1	176	18b-1	96	19b-1	96	20b-1	98
17b-2	32	18b-2	112	19b-2	165	20b-2	144
17b-3	70	18b-3	90	19b-3	176	20b-3	135
17b-4	24	18b-4	48	19b-4	54	20b-4	30
17b-5	99	18b-5	54	19b-5	136	20b-5	60
17b-6	91	18b-6	70	19b-6	120	20b-6	120
17b-7	112	18b-7	60	19b-7	30	20b-7	24
17b-8	45	18b-8	80	19b-8	91	20b-8	75
17b-9	66	18b-9	126	19b-9	68	20b-9	80
17b-10	33	18b-10	72	19b-10	48	20b-10	99
17b-11	90	18b-11	140	19b-11	90	20b-11	150
17b-12	110	18b-12	45	19b-12	50	20b-12	30

21a-1	162	22a-1	78	23a-1	65	24a-1	143
21a-2	110	22a-2	56	23a-2	20	24a-2	187
21a-3	102	22a-3	120	23a-3	153	24a-3	160
21a-4	154	22a-4	60	23a-4	100	24a-4	50
21a-5	55	22a-5	22	23a-5	96	24a-5	112
21a-6	51	22a-6	154	23a-6	112	24a-6	104
21a-7	99	22a-7	176	23a-7	32	24a-7	170
21a-8	77	22a-8	162	23a-8	198	24a-8	72
21a-9	72	22a-9	102	23a-9	126	24a-9	150
21a-10	126	22a-10	112	23a-10	48	24a-10	68
21a-11	39	22a-11	30	23a-11	140	24a-11	70
21a-12	85	22a-12	144	23a-12	44	24a-12	85
21b-1	126	22b-1	117	23b-1	105	24b-1	135
21b-2	162	22b-2	132	23b-2	52	24b-2	66
21b-3	121	22b-3	105	23b-3	100	24b-3	120
21b-4	96	22b-4	60	23b-4	24	24b-4	60
21b-5	160	22b-5	91	23b-5	162	24b-5	45
21b-6	77	22b-6	42	23b-6	72	24b-6	102
21b-7	72	22b-7	60	23b-7	112	24b-7	90
21b-8	64	22b-8	28	23b-8	180	24b-8	140
21b-9	54	22b-9	176	23b-9	154	24b-9	39
21b-10	72	22b-10	170	23b-10	30	24b-10	36
21b-11	91	22b-11	102	23b-11	48	24b-11	50
21b-12	140	22b-12	48	23b-12	34	24b-12	36

25a-1	80	26a-1	72	27a-1	99	28a-1	99
25a-2	120	26a-2	60	27a-2	170	28a-2	176
25a-3	84	26a-3	54	27a-3	60	28a-3	72
25a-4	170	26a-4	96	27a-4	84	28a-4	2
25a-5	72	26a-5	176	27a-5	216	28a-5	78
25a-6	2	26a-6	121	27a-6	81	28a-6	60
25a-7	102	26a-7	98	27a-7	63	28a-7	119
25a-8	105	26a-8	99	27a-8	198	28a-8	96
25a-9	56	26a-9	72	27a-9	204	28a-9	77
25a-10	60	26a-10	108	27a-10	2	28a-10	105
25a-11	128	26a-11	63	27a-11	77	28a-11	204
25a-12	96	26a-12	90	27a-12	135	28a-12	120
25b-1	90	26b-1	135	27b-1	126	28b-1	204
25b-2	144	26b-2	119	27b-2	198	28b-2	170
25b-3	110	26b-3	117	27b-3	154	28b-3	2
25b-4	56	26b-4	90	27b-4	60	28b-4	120
25b-5	108	26b-5	98	27b-5	192	28b-5	112
25b-6	130	26b-6	2	27b-6	72	28b-6	165
25b-7	84	26b-7	96	27b-7	102	28b-7	77
25b-8	140	26b-8	168	27b-8	54	28b-8	64
25b-9	77	26b-9	136	27b-9	160	28b-9	132
25b-10	165	26b-10	156	27b-10	2	28b-10	36
25b-11	72	26b-11	120	27b-11	42	28b-11	48
25b-12	99	26b-12	81	27b-12	63	28b-12	66

29a-1	150	30a-1	170	31a-1	132	32a-1	120
29a-2	96	30a-2	99	31a-2	120	32a-2	132
29a-3	154	30a-3	48	31a-3	144	32a-3	120
29a-4	140	30a-4	102	31a-4	120	32a-4	144
29a-5	132	30a-5	80	31a-5	132	32a-5	120
29a-6	70	30a-6	130	31a-6	120	32a-6	144
29a-7	84	30a-7	153	31a-7	144	32a-7	120
29a-8	80	30a-8	66	31a-8	132	32a-8	144
29a-9	176	30a-9	198	31a-9	144	32a-9	120
29a-10	63	30a-10	144	31a-10	132	32a-10	132
29a-11	48	30a-11	112	31a-11	120	32a-11	120
29a-12	88	30a-12	165	31a-12	144	32a-12	132
29b-1	99	30b-1	135	31b-1	132	32b-1	120
29b-2	96	30b-2	99	31b-2	144	32b-2	144
29b-3	90	30b-3	144	31b-3	120	32b-3	132
29b-4	198	30b-4	70	31b-4	132	32b-4	144
29b-5	143	30b-5	88	31b-5	120	32b-5	120
29b-6	162	30b-6	63	31b-6	132	32b-6	132
29b-7	216	30b-7	192	31b-7	144	32b-7	120
29b-8	132	30b-8	56	31b-8	132	32b-8	144
29b-9	108	30b-9	136	31b-9	144	32b-9	132
29b-10	176	30b-10	120	31b-10	120	32b-10	120
29b-11	160	30b-11	80	31b-11	132	32b-11	144
29b-12	60	30b-12	77	31b-12	120	32b-12	132



33a-1	144	34a-1	144	35a-1	120	36a-1	132
33a-2	120	34a-2	120	35a-2	132	36a-2	120
33a-3	144	34a-3	144	35a-3	120	36a-3	132
33a-4	132	34a-4	120	35a-4	132	36a-4	120
33a-5	144	34a-5	132	35a-5	120	36a-5	144
33a-6	120	34a-6	144	35a-6	144	36a-6	132
33a-7	144	34a-7	132	35a-7	120	36a-7	120
33a-8	120	34a-8	144	35a-8	132	36a-8	144
33a-9	132	34a-9	132	35a-9	144	36a-9	120
33a-10	144	34a-10	120	35a-10	132	36a-10	144
33a-11	120	34a-11	132	35a-11	120	36a-11	132
33a-12	144	34a-12	144	35a-12	144	36a-12	120
33b-1	132	34b-1	120	35b-1	132	36b-1	144
33b-2	144	34b-2	132	35b-2	120	36b-2	120
33b-3	132	34b-3	144	35b-3	144	36b-3	132
33b-4	144	34b-4	120	35b-4	132	36b-4	120
33b-5	132	34b-5	144	35b-5	144	36b-5	132
33b-6	120	34b-6	120	35b-6	132	36b-6	144
33b-7	144	34b-7	144	35b-7	144	36b-7	132
33b-8	120	34b-8	132	35b-8	120	36b-8	120
33b-9	132	34b-9	120	35b-9	144	36b-9	132
33b-10	120	34b-10	144	35b-10	120	36b-10	120
33b-11	144	34b-11	120	35b-11	144	36b-11	132
33b-12	132	34b-12	132	35b-12	132	36b-12	120

37a-1	192	38a-1	180	39a-1	180	40a-1	156
37a-2	156	38a-2	156	39a-2	156	40a-2	180
37a-3	192	38a-3	180	39a-3	180	40a-3	156
37a-4	156	38a-4	156	39a-4	168	40a-4	168
37a-5	168	38a-5	192	39a-5	180	40a-5	180
37a-6	180	38a-6	156	39a-6	156	40a-6	192
37a-7	156	38a-7	180	39a-7	192	40a-7	156
37a-8	192	38a-8	192	39a-8	168	40a-8	168
37a-9	180	38a-9	180	39a-9	156	40a-9	192
37a-10	156	38a-10	192	39a-10	168	40a-10	168
37a-11	168	38a-11	180	39a-11	180	40a-11	180
37a-12	156	38a-12	192	39a-12	168	40a-12	156
37b-1	180	38b-1	156	39b-1	192	40b-1	180
37b-2	192	38b-2	180	39b-2	180	40b-2	168
37b-3	168	38b-3	156	39b-3	156	40b-3	192
37b-4	180	38b-4	180	39b-4	180	40b-4	168
37b-5	156	38b-5	168	39b-5	168	40b-5	180
37b-6	192	38b-6	192	39b-6	156	40b-6	156
37b-7	180	38b-7	156	39b-7	168	40b-7	180
37b-8	156	38b-8	180	39b-8	180	40b-8	156
37b-9	192	38b-9	156	39b-9	192	40b-9	168
37b-10	168	38b-10	168	39b-10	168	40b-10	180
37b-11	156	38b-11	156	39b-11	192	40b-11	168
37b-12	192	38b-12	180	39b-12	168	40b-12	156

41a-1	168	42a-1	192	43a-1	240	44a-1	216
41a-2	156	42a-2	156	43a-2	204	44a-2	240
41a-3	192	42a-3	168	43a-3	216	44a-3	228
41a-4	156	42a-4	192	43a-4	204	44a-4	216
41a-5	168	42a-5	168	43a-5	216	44a-5	228
41a-6	180	42a-6	156	43a-6	204	44a-6	204
41a-7	156	42a-7	180	43a-7	240	44a-7	228
41a-8	168	42a-8	168	43a-8	228	44a-8	216
41a-9	180	42a-9	192	43a-9	216	44a-9	204
41a-10	192	42a-10	156	43a-10	228	44a-10	216
41a-11	180	42a-11	192	43a-11	216	44a-11	228
41a-12	156	42a-12	180	43a-12	204	44a-12	240
41b-1	192	42b-1	168	43b-1	240	44b-1	228
41b-2	156	42b-2	192	43b-2	204	44b-2	216
41b-3	168	42b-3	156	43b-3	240	44b-3	240
41b-4	180	42b-4	180	43b-4	204	44b-4	228
41b-5	156	42b-5	168	43b-5	216	44b-5	204
41b-6	180	42b-6	192	43b-6	240	44b-6	228
41b-7	192	42b-7	156	43b-7	204	44b-7	216
41b-8	156	42b-8	180	43b-8	240	44b-8	204
41b-9	168	42b-9	156	43b-9	204	44b-9	240
41b-10	192	42b-10	168	43b-10	240	44b-10	204
41b-11	180	42b-11	180	43b-11	216	44b-11	216
41b-12	156	42b-12	156	43b-12	240	44b-12	240

45a-1	240	46a-1	240	47a-1	216	48a-1	240
45a-2	204	46a-2	228	47a-2	228	48a-2	228
45a-3	228	46a-3	204	47a-3	216	48a-3	204
45a-4	240	46a-4	228	47a-4	204	48a-4	216
45a-5	204	46a-5	204	47a-5	228	48a-5	240
45a-6	216	46a-6	216	47a-6	240	48a-6	216
45a-7	228	46a-7	240	47a-7	216	48a-7	204
45a-8	204	46a-8	216	47a-8	228	48a-8	240
45a-9	240	46a-9	240	47a-9	204	48a-9	228
45a-10	216	46a-10	216	47a-10	216	48a-10	204
45a-11	240	46a-11	240	47a-11	240	48a-11	240
45a-12	216	46a-12	216	47a-12	228	48a-12	216
45b-1	216	46b-1	204	47b-1	240	48b-1	204
45b-2	204	46b-2	216	47b-2	204	48b-2	216
45b-3	228	46b-3	228	47b-3	240	48b-3	204
45b-4	204	46b-4	216	47b-4	216	48b-4	228
45b-5	228	46b-5	240	47b-5	204	48b-5	216
45b-6	216	46b-6	204	47b-6	216	48b-6	204
45b-7	204	46b-7	228	47b-7	240	48b-7	228
45b-8	240	46b-8	240	47b-8	228	48b-8	216
45b-9	228	46b-9	204	47b-9	216	48b-9	204
45b-10	204	46b-10	216	47b-10	204	48b-10	240
45b-11	216	46b-11	228	47b-11	216	48b-11	228
45b-12	228	46b-12	204	47b-12	228	48b-12	240

49a-1	132	50a-1	84	51a-1	80	52a-1	192
49a-2	63	50a-2	120	51a-2	220	52a-2	54
49a-3	187	50a-3	204	51a-3	144	52a-3	126
49a-4	209	50a-4	162	51a-4	72	52a-4	162
49a-5	99	50a-5	63	51a-5	119	52a-5	36
49a-6	153	50a-6	54	51a-6	180	52a-6	144
49a-7	119	50a-7	153	51a-7	84	52a-7	56
49a-8	120	50a-8	150	51a-8	70	52a-8	66
49a-9	180	50a-9	135	51a-9	143	52a-9	154
49a-10	120	50a-10	96	51a-10	2	52a-10	91
49a-11	176	50a-11	48	51a-11	60	52a-11	112
49a-12	228	50a-12	133	51a-12	49	52a-12	102
49b-1	156	50b-1	119	51b-1	78	52b-1	160
49b-2	240	50b-2	110	51b-2	96	52b-2	153
49b-3	180	50b-3	56	51b-3	56	52b-3	110
49b-4	84	50b-4	120	51b-4	60	52b-4	84
49b-5	110	50b-5	108	51b-5	120	52b-5	90
49b-6	63	50b-6	60	51b-6	108	52b-6	192
49b-7	96	50b-7	96	51b-7	162	52b-7	90
49b-8	135	50b-8	98	51b-8	91	52b-8	136
49b-9	88	50b-9	36	51b-9	160	52b-9	154
49b-10	108	50b-10	150	51b-10	108	52b-10	100
49b-11	153	50b-11	84	51b-11	220	52b-11	160
49b-12	160	50b-12	2	51b-12	104	52b-12	114

53a-1	133	54a-1	2	55a-1	156	56a-1	156
53a-2	49	54a-2	36	55a-2	130	56a-2	143
53a-3	90	54a-3	70	55a-3	143	56a-3	130
53a-4	2	54a-4	77	55a-4	130	56a-4	156
53a-5	170	54a-5	160	55a-5	156	56a-5	130
53a-6	120	54a-6	72	55a-6	143	56a-6	156
53a-7	143	54a-7	216	55a-7	130	56a-7	130
53a-8	162	54a-8	176	55a-8	143	56a-8	143
53a-9	112	54a-9	198	55a-9	130	56a-9	130
53a-10	180	54a-10	112	55a-10	156	56a-10	143
53a-11	77	54a-11	42	55a-11	143	56a-11	130
53a-12	70	54a-12	84	55a-12	130	56a-12	143
53b-1	99	54b-1	56	55b-1	130	56b-1	143
53b-2	160	54b-2	120	55b-2	143	56b-2	156
53b-3	170	54b-3	96	55b-3	156	56b-3	143
53b-4	192	54b-4	108	55b-4	143	56b-4	130
53b-5	126	54b-5	150	55b-5	156	56b-5	156
53b-6	120	54b-6	49	55b-6	130	56b-6	130
53b-7	150	54b-7	96	55b-7	156	56b-7	143
53b-8	140	54b-8	88	55b-8	143	56b-8	156
53b-9	162	54b-9	120	55b-9	156	56b-9	143
53b-10	2	54b-10	54	55b-10	130	56b-10	130
53b-11	80	54b-11	112	55b-11	143	56b-11	156
53b-12	133	54b-12	102	55b-12	130	56b-12	130

57a-1	156	58a-1	156	59a-1	156	60a-1	156
57a-2	130	58a-2	143	59a-2	143	60a-2	143
57a-3	156	58a-3	156	59a-3	156	60a-3	130
57a-4	143	58a-4	130	59a-4	143	60a-4	156
57a-5	130	58a-5	143	59a-5	130	60a-5	130
57a-6	156	58a-6	156	59a-6	156	60a-6	143
57a-7	143	58a-7	130	59a-7	143	60a-7	130
57a-8	130	58a-8	156	59a-8	130	60a-8	156
57a-9	156	58a-9	143	59a-9	143	60a-9	130
57a-10	143	58a-10	130	59a-10	156	60a-10	156
57a-11	156	58a-11	143	59a-11	130	60a-11	130
57a-12	130	58a-12	130	59a-12	156	60a-12	143
57b-1	143	58b-1	156	59b-1	130	60b-1	156
57b-2	130	58b-2	130	59b-2	156	60b-2	143
57b-3	156	58b-3	143	59b-3	143	60b-3	156
57b-4	130	58b-4	156	59b-4	156	60b-4	143
57b-5	143	58b-5	130	59b-5	143	60b-5	156
57b-6	130	58b-6	156	59b-6	156	60b-6	130
57b-7	143	58b-7	130	59b-7	143	60b-7	143
57b-8	130	58b-8	156	59b-8	130	60b-8	130
57b-9	143	58b-9	143	59b-9	143	60b-9	156
57b-10	156	58b-10	156	59b-10	130	60b-10	143
57b-11	130	58b-11	130	59b-11	143	60b-11	130
57b-12	156	58b-12	156	59b-12	156	60b-12	156

61a-1	195	62a-1	208	63a-1	208	64a-1	182
61a-2	169	62a-2	182	63a-2	195	64a-2	169
61a-3	195	62a-3	195	63a-3	208	64a-3	208
61a-4	169	62a-4	169	63a-4	195	64a-4	182
61a-5	208	62a-5	208	63a-5	208	64a-5	208
61a-6	182	62a-6	195	63a-6	182	64a-6	169
61a-7	195	62a-7	169	63a-7	169	64a-7	208
61a-8	169	62a-8	182	63a-8	182	64a-8	182
61a-9	208	62a-9	169	63a-9	169	64a-9	195
61a-10	195	62a-10	182	63a-10	208	64a-10	182
61a-11	182	62a-11	169	63a-11	169	64a-11	208
61a-12	195	62a-12	195	63a-12	195	64a-12	182
61b-1	182	62b-1	208	63b-1	169	64b-1	195
61b-2	169	62b-2	195	63b-2	182	64b-2	208
61b-3	195	62b-3	169	63b-3	169	64b-3	169
61b-4	169	62b-4	208	63b-4	182	64b-4	195
61b-5	182	62b-5	169	63b-5	169	64b-5	182
61b-6	208	62b-6	182	63b-6	208	64b-6	208
61b-7	195	62b-7	208	63b-7	182	64b-7	195
61b-8	182	62b-8	182	63b-8	208	64b-8	182
61b-9	208	62b-9	169	63b-9	182	64b-9	169
61b-10	182	62b-10	195	63b-10	169	64b-10	182
61b-11	169	62b-11	208	63b-11	182	64b-11	208
61b-12	208	62b-12	169	63b-12	195	64b-12	195



65a-1	182	66a-1	195	67a-1	260	68a-1	260
65a-2	169	66a-2	208	67a-2	221	68a-2	221
65a-3	182	66a-3	169	67a-3	260	68a-3	247
65a-4	195	66a-4	208	67a-4	247	68a-4	221
65a-5	182	66a-5	195	67a-5	221	68a-5	234
65a-6	208	66a-6	208	67a-6	247	68a-6	221
65a-7	169	66a-7	169	67a-7	234	68a-7	260
65a-8	208	66a-8	195	67a-8	221	68a-8	221
65a-9	169	66a-9	208	67a-9	234	68a-9	260
65a-10	182	66a-10	169	67a-10	260	68a-10	234
65a-11	208	66a-11	182	67a-11	234	68a-11	247
65a-12	195	66a-12	208	67a-12	221	68a-12	221
65b-1	169	66b-1	195	67b-1	234	68b-1	221
65b-2	195	66b-2	169	67b-2	260	68b-2	247
65b-3	169	66b-3	208	67b-3	247	68b-3	234
65b-4	182	66b-4	195	67b-4	234	68b-4	247
65b-5	195	66b-5	182	67b-5	260	68b-5	260
65b-6	169	66b-6	208	67b-6	221	68b-6	221
65b-7	195	66b-7	169	67b-7	247	68b-7	234
65b-8	169	66b-8	195	67b-8	221	68b-8	260
65b-9	195	66b-9	182	67b-9	260	68b-9	221
65b-10	169	66b-10	195	67b-10	234	68b-10	260
65b-11	195	66b-11	182	67b-11	260	68b-11	247
65b-12	208	66b-12	195	67b-12	221	68b-12	221

69a-1	234	70a-1	221	71a-1	234	72a-1	221
69a-2	247	70a-2	260	71a-2	260	72a-2	234
69a-3	234	70a-3	234	71a-3	247	72a-3	247
69a-4	221	70a-4	260	71a-4	221	72a-4	260
69a-5	260	70a-5	221	71a-5	260	72a-5	234
69a-6	234	70a-6	260	71a-6	247	72a-6	260
69a-7	221	70a-7	221	71a-7	221	72a-7	247
69a-8	247	70a-8	260	71a-8	247	72a-8	234
69a-9	221	70a-9	221	71a-9	260	72a-9	247
69a-10	234	70a-10	247	71a-10	247	72a-10	260
69a-11	221	70a-11	221	71a-11	234	72a-11	234
69a-12	247	70a-12	260	71a-12	221	72a-12	260
69b-1	234	70b-1	260	71b-1	221	72b-1	234
69b-2	221	70b-2	234	71b-2	260	72b-2	260
69b-3	247	70b-3	221	71b-3	247	72b-3	221
69b-4	221	70b-4	260	71b-4	221	72b-4	247
69b-5	247	70b-5	221	71b-5	260	72b-5	221
69b-6	221	70b-6	234	71b-6	247	72b-6	247
69b-7	260	70b-7	221	71b-7	234	72b-7	234
69b-8	234	70b-8	234	71b-8	260	72b-8	221
69b-9	247	70b-9	260	71b-9	221	72b-9	247
69b-10	221	70b-10	221	71b-10	247	72b-10	234
69b-11	247	70b-11	247	71b-11	260	72b-11	260
69b-12	221	70b-12	260	71b-12	221	72b-12	247

73a-1	200	74a-1	102	75a-1	66	76a-1	240
73a-2	143	74a-2	81	75a-2	132	76a-2	72
73a-3	2	74a-3	228	75a-3	88	76a-3	190
73a-4	90	74a-4	171	75a-4	91	76a-4	168
73a-5	171	74a-5	96	75a-5	171	76a-5	72
73a-6	240	74a-6	60	75a-6	110	76a-6	48
73a-7	160	74a-7	165	75a-7	98	76a-7	133
73a-8	190	74a-8	104	75a-8	162	76a-8	171
73a-9	169	74a-9	204	75a-9	72	76a-9	117
73a-10	136	74a-10	36	75a-10	70	76a-10	108
73a-11	132	74a-11	260	75a-11	176	76a-11	70
73a-12	96	74a-12	80	75a-12	154	76a-12	56
73b-1	234	74b-1	260	75b-1	169	76b-1	169
73b-2	72	74b-2	187	75b-2	192	76b-2	2
73b-3	110	74b-3	2	75b-3	143	76b-3	90
73b-4	56	74b-4	78	75b-4	160	76b-4	112
73b-5	152	74b-5	48	75b-5	130	76b-5	72
73b-6	80	74b-6	156	75b-6	128	76b-6	200
73b-7	132	74b-7	77	75b-7	120	76b-7	143
73b-8	240	74b-8	171	75b-8	140	76b-8	220
73b-9	36	74b-9	150	75b-9	98	76b-9	104
73b-10	91	74b-10	84	75b-10	208	76b-10	72
73b-11	170	74b-11	240	75b-11	42	76b-11	36
73b-12	88	74b-12	162	75b-12	72	76b-12	152

77a-1	77	78a-1	90	79a-1	168	80a-1	168
77a-2	98	78a-2	140	79a-2	140	80a-2	140
77a-3	130	78a-3	36	79a-3	168	80a-3	154
77a-4	200	78a-4	114	79a-4	140	80a-4	168
77a-5	119	78a-5	91	79a-5	154	80a-5	140
77a-6	234	78a-6	143	79a-6	168	80a-6	168
77a-7	126	78a-7	99	79a-7	154	80a-7	140
77a-8	84	78a-8	168	79a-8	168	80a-8	154
77a-9	128	78a-9	77	79a-9	140	80a-9	140
77a-10	180	78a-10	136	79a-10	168	80a-10	154
77a-11	133	78a-11	72	79a-11	154	80a-11	168
77a-12	156	78a-12	117	79a-12	140	80a-12	140
77b-1	171	78b-1	112	79b-1	140	80b-1	168
77b-2	70	78b-2	221	79b-2	154	80b-2	154
77b-3	144	78b-3	117	79b-3	168	80b-3	168
77b-4	2	78b-4	2	79b-4	140	80b-4	140
77b-5	102	78b-5	84	79b-5	154	80b-5	168
77b-6	77	78b-6	165	79b-6	140	80b-6	154
77b-7	72	78b-7	110	79b-7	154	80b-7	140
77b-8	160	78b-8	64	79b-8	140	80b-8	154
77b-9	120	78b-9	78	79b-9	168	80b-9	168
77b-10	156	78b-10	77	79b-10	154	80b-10	140
77b-11	221	78b-11	156	79b-11	168	80b-11	168
77b-12	132	78b-12	132	79b-12	154	80b-12	140

81a-1	154	82a-1	168	83a-1	168	84a-1	154
81a-2	168	82a-2	154	83a-2	140	84a-2	140
81a-3	140	82a-3	168	83a-3	154	84a-3	154
81a-4	168	82a-4	140	83a-4	168	84a-4	168
81a-5	154	82a-5	168	83a-5	140	84a-5	140
81a-6	140	82a-6	154	83a-6	154	84a-6	168
81a-7	154	82a-7	168	83a-7	168	84a-7	140
81a-8	140	82a-8	140	83a-8	140	84a-8	154
81a-9	168	82a-9	168	83a-9	168	84a-9	168
81a-10	140	82a-10	154	83a-10	140	84a-10	140
81a-11	154	82a-11	168	83a-11	154	84a-11	154
81a-12	168	82a-12	140	83a-12	140	84a-12	168
81b-1	140	82b-1	154	83b-1	140	84b-1	168
81b-2	154	82b-2	168	83b-2	168	84b-2	140
81b-3	168	82b-3	154	83b-3	154	84b-3	154
81b-4	140	82b-4	168	83b-4	168	84b-4	168
81b-5	154	82b-5	154	83b-5	154	84b-5	140
81b-6	168	82b-6	140	83b-6	140	84b-6	154
81b-7	140	82b-7	154	83b-7	154	84b-7	168
81b-8	154	82b-8	168	83b-8	140	84b-8	140
81b-9	140	82b-9	154	83b-9	154	84b-9	168
81b-10	168	82b-10	140	83b-10	140	84b-10	154
81b-11	154	82b-11	168	83b-11	168	84b-11	140
81b-12	168	82b-12	154	83b-12	154	84b-12	168

85a-1	196	86a-1	210	87a-1	182	88a-1	224
85a-2	224	86a-2	224	87a-2	210	88a-2	182
85a-3	182	86a-3	210	87a-3	196	88a-3	196
85a-4	210	86a-4	196	87a-4	182	88a-4	224
85a-5	182	86a-5	182	87a-5	196	88a-5	196
85a-6	224	86a-6	210	87a-6	210	88a-6	224
85a-7	196	86a-7	224	87a-7	196	88a-7	210
85a-8	210	86a-8	210	87a-8	182	88a-8	196
85a-9	182	86a-9	224	87a-9	224	88a-9	182
85a-10	196	86a-10	196	87a-10	182	88a-10	224
85a-11	224	86a-11	224	87a-11	196	88a-11	196
85a-12	196	86a-12	196	87a-12	210	88a-12	224
85b-1	182	86b-1	196	87b-1	210	88b-1	210
85b-2	196	86b-2	224	87b-2	224	88b-2	224
85b-3	224	86b-3	182	87b-3	196	88b-3	210
85b-4	210	86b-4	224	87b-4	210	88b-4	196
85b-5	196	86b-5	196	87b-5	196	88b-5	182
85b-6	224	86b-6	224	87b-6	210	88b-6	224
85b-7	182	86b-7	182	87b-7	224	88b-7	196
85b-8	224	86b-8	224	87b-8	196	88b-8	210
85b-9	196	86b-9	210	87b-9	182	88b-9	182
85b-10	224	86b-10	182	87b-10	210	88b-10	224
85b-11	182	86b-11	196	87b-11	182	88b-11	196
85b-12	196	86b-12	182	87b-12	224	88b-12	224

89a-1	224	90a-1	210	91a-1	238	92a-1	280
89a-2	182	90a-2	224	91a-2	294	92a-2	238
89a-3	196	90a-3	196	91a-3	252	92a-3	280
89a-4	224	90a-4	182	91a-4	280	92a-4	266
89a-5	196	90a-5	210	91a-5	294	92a-5	238
89a-6	182	90a-6	224	91a-6	238	92a-6	280
89a-7	224	90a-7	210	91a-7	294	92a-7	294
89a-8	196	90a-8	182	91a-8	280	92a-8	238
89a-9	224	90a-9	196	91a-9	238	92a-9	280
89a-10	196	90a-10	210	91a-10	252	92a-10	294
89a-11	224	90a-11	224	91a-11	266	92a-11	266
89a-12	182	90a-12	196	91a-12	294	92a-12	280
89b-1	224	90b-1	196	91b-1	280	92b-1	294
89b-2	182	90b-2	224	91b-2	294	92b-2	238
89b-3	196	90b-3	210	91b-3	252	92b-3	294
89b-4	182	90b-4	196	91b-4	266	92b-4	238
89b-5	210	90b-5	182	91b-5	294	92b-5	266
89b-6	182	90b-6	224	91b-6	280	92b-6	238
89b-7	224	90b-7	196	91b-7	252	92b-7	252
89b-8	210	90b-8	210	91b-8	238	92b-8	294
89b-9	224	90b-9	182	91b-9	252	92b-9	238
89b-10	210	90b-10	210	91b-10	266	92b-10	266
89b-11	182	90b-11	224	91b-11	238	92b-11	294
89b-12	196	90b-12	210	91b-12	294	92b-12	266

93a-1	238	94a-1	280	95a-1	294	96a-1	294
93a-2	280	94a-2	238	95a-2	238	96a-2	238
93a-3	238	94a-3	266	95a-3	252	96a-3	252
93a-4	266	94a-4	238	95a-4	280	96a-4	294
93a-5	252	94a-5	252	95a-5	266	96a-5	238
93a-6	280	94a-6	266	95a-6	252	96a-6	294
93a-7	238	94a-7	280	95a-7	280	96a-7	252
93a-8	294	94a-8	238	95a-8	252	96a-8	280
93a-9	238	94a-9	280	95a-9	238	96a-9	238
93a-10	266	94a-10	294	95a-10	280	96a-10	266
93a-11	252	94a-11	252	95a-11	252	96a-11	238
93a-12	238	94a-12	238	95a-12	266	96a-12	266
93b-1	252	94b-1	294	95b-1	280	96b-1	280
93b-2	238	94b-2	280	95b-2	266	96b-2	266
93b-3	294	94b-3	252	95b-3	252	96b-3	238
93b-4	238	94b-4	266	95b-4	238	96b-4	266
93b-5	280	94b-5	238	95b-5	266	96b-5	252
93b-6	294	94b-6	266	95b-6	238	96b-6	294
93b-7	238	94b-7	294	95b-7	294	96b-7	238
93b-8	252	94b-8	266	95b-8	280	96b-8	280
93b-9	238	94b-9	238	95b-9	252	96b-9	294
93b-10	294	94b-10	252	95b-10	266	96b-10	280
93b-11	252	94b-11	238	95b-11	252	96b-11	238
93b-12	280	94b-12	280	95b-12	294	96b-12	280



97a-1	96	98a-1	2	99a-1	96	100a-1	2
97a-2	112	98a-2	60	99a-2	153	100a-2	84
97a-3	70	98a-3	98	99a-3	54	100a-3	120
97a-4	162	98a-4	36	99a-4	49	100a-4	78
97a-5	234	98a-5	224	99a-5	200	100a-5	91
97a-6	66	98a-6	90	99a-6	266	100a-6	88
97a-7	120	98a-7	160	99a-7	117	100a-7	198
97a-8	140	98a-8	84	99a-8	72	100a-8	209
97a-9	104	98a-9	42	99a-9	72	100a-9	140
97a-10	182	98a-10	210	99a-10	56	100a-10	252
97a-11	2	98a-11	266	99a-11	136	100a-11	110
97a-12	126	98a-12	78	99a-12	91	100a-12	104
97b-1	187	98b-1	171	99b-1	114	100b-1	108
97b-2	2	98b-2	108	99b-2	168	100b-2	128
97b-3	2	98b-3	81	99b-3	210	100b-3	156
97b-4	169	98b-4	99	99b-4	90	100b-4	70
97b-5	120	98b-5	88	99b-5	42	100b-5	120
97b-6	104	98b-6	120	99b-6	154	100b-6	117
97b-7	189	98b-7	60	99b-7	228	100b-7	110
97b-8	60	98b-8	110	99b-8	84	100b-8	170
97b-9	144	98b-9	168	99b-9	132	100b-9	160
97b-10	64	98b-10	112	99b-10	273	100b-10	147
97b-11	140	98b-11	144	99b-11	209	100b-11	165
97b-12	126	98b-12	228	99b-12	119	100b-12	221

101a-1	240	102a-1	56	103a-1	150	104a-1	180
101a-2	2	102a-2	108	103a-2	165	104a-2	165
101a-3	84	102a-3	2	103a-3	180	104a-3	150
101a-4	105	102a-4	234	103a-4	150	104a-4	165
101a-5	220	102a-5	189	103a-5	180	104a-5	180
101a-6	77	102a-6	220	103a-6	165	104a-6	150
101a-7	228	102a-7	143	103a-7	150	104a-7	165
101a-8	192	102a-8	84	103a-8	165	104a-8	150
101a-9	176	102a-9	60	103a-9	150	104a-9	180
101a-10	140	102a-10	132	103a-10	180	104a-10	165
101a-11	72	102a-11	156	103a-11	165	104a-11	180
101a-12	168	102a-12	72	103a-12	180	104a-12	165
101b-1	64	102b-1	132	103b-1	150	104b-1	150
101b-2	200	102b-2	42	103b-2	165	104b-2	180
101b-3	133	102b-3	2	103b-3	150	104b-3	165
101b-4	153	102b-4	112	103b-4	180	104b-4	180
101b-5	2	102b-5	117	103b-5	150	104b-5	150
101b-6	128	102b-6	168	103b-6	165	104b-6	180
101b-7	168	102b-7	80	103b-7	150	104b-7	150
101b-8	130	102b-8	54	103b-8	180	104b-8	180
101b-9	108	102b-9	120	103b-9	165	104b-9	150
101b-10	102	102b-10	147	103b-10	180	104b-10	165
101b-11	160	102b-11	104	103b-11	165	104b-11	180
101b-12	154	102b-12	216	103b-12	150	104b-12	150

105a-1	180	106a-1	150	107a-1	165	108a-1	165
105a-2	165	106a-2	180	107a-2	180	108a-2	150
105a-3	150	106a-3	150	107a-3	165	108a-3	180
105a-4	165	106a-4	165	107a-4	180	108a-4	165
105a-5	180	106a-5	150	107a-5	165	108a-5	180
105a-6	165	106a-6	165	107a-6	150	108a-6	150
105a-7	150	106a-7	180	107a-7	180	108a-7	180
105a-8	165	106a-8	150	107a-8	165	108a-8	150
105a-9	150	106a-9	180	107a-9	150	108a-9	180
105a-10	180	106a-10	165	107a-10	165	108a-10	150
105a-11	150	106a-11	150	107a-11	150	108a-11	180
105a-12	165	106a-12	165	107a-12	180	108a-12	165
105b-1	150	106b-1	150	107b-1	180	108b-1	150
105b-2	165	106b-2	165	107b-2	150	108b-2	180
105b-3	180	106b-3	150	107b-3	165	108b-3	150
105b-4	165	106b-4	180	107b-4	150	108b-4	165
105b-5	150	106b-5	165	107b-5	180	108b-5	150
105b-6	165	106b-6	180	107b-6	165	108b-6	180
105b-7	150	106b-7	165	107b-7	180	108b-7	165
105b-8	180	106b-8	180	107b-8	165	108b-8	150
105b-9	165	106b-9	165	107b-9	180	108b-9	165
105b-10	150	106b-10	150	107b-10	165	108b-10	180
105b-11	180	106b-11	165	107b-11	150	108b-11	165
105b-12	165	106b-12	180	107b-12	180	108b-12	150

109a-1	195	110a-1	195	111a-1	195	112a-1	195
109a-2	225	110a-2	225	111a-2	210	112a-2	225
109a-3	195	110a-3	210	111a-3	225	112a-3	210
109a-4	240	110a-4	225	111a-4	210	112a-4	195
109a-5	195	110a-5	195	111a-5	195	112a-5	240
109a-6	210	110a-6	240	111a-6	225	112a-6	195
109a-7	195	110a-7	210	111a-7	210	112a-7	225
109a-8	225	110a-8	195	111a-8	195	112a-8	210
109a-9	210	110a-9	210	111a-9	240	112a-9	225
109a-10	240	110a-10	240	111a-10	195	112a-10	210
109a-11	225	110a-11	210	111a-11	210	112a-11	195
109a-12	195	110a-12	195	111a-12	195	112a-12	225
109b-1	210	110b-1	225	111b-1	195	112b-1	195
109b-2	240	110b-2	210	111b-2	240	112b-2	210
109b-3	210	110b-3	195	111b-3	225	112b-3	195
109b-4	195	110b-4	240	111b-4	195	112b-4	225
109b-5	240	110b-5	195	111b-5	240	112b-5	195
109b-6	210	110b-6	240	111b-6	195	112b-6	210
109b-7	240	110b-7	210	111b-7	240	112b-7	225
109b-8	210	110b-8	195	111b-8	195	112b-8	195
109b-9	240	110b-9	240	111b-9	225	112b-9	225
109b-10	210	110b-10	195	111b-10	195	112b-10	240
109b-11	240	110b-11	225	111b-11	225	112b-11	210
109b-12	195	110b-12	210	111b-12	240	112b-12	195

113a-1	225	114a-1	225	115a-1	315	116a-1	315
113a-2	210	114a-2	210	115a-2	285	116a-2	255
113a-3	240	114a-3	225	115a-3	255	116a-3	285
113a-4	210	114a-4	240	115a-4	300	116a-4	330
113a-5	225	114a-5	225	115a-5	330	116a-5	285
113a-6	195	114a-6	210	115a-6	270	116a-6	330
113a-7	210	114a-7	195	115a-7	330	116a-7	255
113a-8	240	114a-8	225	115a-8	300	116a-8	315
113a-9	225	114a-9	240	115a-9	330	116a-9	300
113a-10	195	114a-10	195	115a-10	285	116a-10	285
113a-11	240	114a-11	240	115a-11	300	116a-11	255
113a-12	210	114a-12	210	115a-12	285	116a-12	300
113b-1	195	114b-1	225	115b-1	300	116b-1	255
113b-2	240	114b-2	195	115b-2	285	116b-2	315
113b-3	195	114b-3	225	115b-3	300	116b-3	285
113b-4	240	114b-4	195	115b-4	315	116b-4	255
113b-5	195	114b-5	240	115b-5	330	116b-5	285
113b-6	240	114b-6	210	115b-6	270	116b-6	270
113b-7	195	114b-7	240	115b-7	300	116b-7	300
113b-8	225	114b-8	210	115b-8	285	116b-8	285
113b-9	240	114b-9	195	115b-9	315	116b-9	255
113b-10	195	114b-10	210	115b-10	285	116b-10	300
113b-11	225	114b-11	225	115b-11	315	116b-11	270
113b-12	195	114b-12	240	115b-12	255	116b-12	315

117a-1	300	118a-1	285	119a-1	300	120a-1	330
117a-2	285	118a-2	315	119a-2	270	120a-2	285
117a-3	255	118a-3	255	119a-3	285	120a-3	315
117a-4	315	118a-4	285	119a-4	270	120a-4	255
117a-5	285	118a-5	315	119a-5	315	120a-5	330
117a-6	300	118a-6	330	119a-6	255	120a-6	285
117a-7	255	118a-7	270	119a-7	315	120a-7	255
117a-8	300	118a-8	315	119a-8	255	120a-8	300
117a-9	270	118a-9	270	119a-9	300	120a-9	285
117a-10	255	118a-10	315	119a-10	285	120a-10	330
117a-11	270	118a-11	270	119a-11	330	120a-11	285
117a-12	330	118a-12	285	119a-12	300	120a-12	300
117b-1	255	118b-1	270	119b-1	330	120b-1	285
117b-2	300	118b-2	330	119b-2	285	120b-2	330
117b-3	315	118b-3	285	119b-3	330	120b-3	255
117b-4	285	118b-4	315	119b-4	255	120b-4	315
117b-5	315	118b-5	300	119b-5	285	120b-5	285
117b-6	300	118b-6	285	119b-6	270	120b-6	315
117b-7	330	118b-7	315	119b-7	330	120b-7	270
117b-8	315	118b-8	330	119b-8	315	120b-8	255
117b-9	285	118b-9	300	119b-9	330	120b-9	300
117b-10	270	118b-10	330	119b-10	270	120b-10	315
117b-11	255	118b-11	315	119b-11	255	120b-11	285
117b-12	270	118b-12	270	119b-12	330	120b-12	255

121a-1	252	122a-1	104	123a-1	270	124a-1	285
121a-2	136	122a-2	2	123a-2	140	124a-2	143
121a-3	260	122a-3	234	123a-3	144	124a-3	315
121a-4	198	122a-4	2	123a-4	120	124a-4	66
121a-5	228	122a-5	300	123a-5	117	124a-5	160
121a-6	176	122a-6	152	123a-6	143	124a-6	156
121a-7	220	122a-7	96	123a-7	225	124a-7	180
121a-8	150	122a-8	195	123a-8	2	124a-8	286
121a-9	77	122a-9	147	123a-9	273	124a-9	240
121a-10	100	122a-10	255	123a-10	154	124a-10	42
121a-11	2	122a-11	196	123a-11	2	124a-11	168
121a-12	120	122a-12	170	123a-12	198	124a-12	90
121b-1	108	122b-1	2	123b-1	88	124b-1	180
121b-2	136	122b-2	135	123b-2	2	124b-2	198
121b-3	143	122b-3	2	123b-3	144	124b-3	70
121b-4	234	122b-4	64	123b-4	105	124b-4	209
121b-5	120	122b-5	80	123b-5	144	124b-5	156
121b-6	99	122b-6	72	123b-6	168	124b-6	160
121b-7	187	122b-7	165	123b-7	242	124b-7	80
121b-8	270	122b-8	112	123b-8	180	124b-8	2
121b-9	90	122b-9	108	123b-9	224	124b-9	225
121b-10	135	122b-10	210	123b-10	228	124b-10	120
121b-11	190	122b-11	102	123b-11	78	124b-11	72
121b-12	144	122b-12	220	123b-12	330	124b-12	170

125a-1	110	126a-1	208	127a-1	289	128a-1	272
125a-2	112	126a-2	81	127a-2	288	128a-2	324
125a-3	120	126a-3	135	127a-3	306	128a-3	272
125a-4	112	126a-4	121	127a-4	288	128a-4	289
125a-5	153	126a-5	132	127a-5	306	128a-5	272
125a-6	182	126a-6	165	127a-6	288	128a-6	256
125a-7	77	126a-7	160	127a-7	289	128a-7	306
125a-8	80	126a-8	2	127a-8	288	128a-8	256
125a-9	286	126a-9	204	127a-9	256	128a-9	306
125a-10	126	126a-10	182	127a-10	306	128a-10	272
125a-11	117	126a-11	108	127a-11	272	128a-11	289
125a-12	210	126a-12	330	127a-12	288	128a-12	272
125b-1	70	126b-1	91	127b-1	256	128b-1	272
125b-2	2	126b-2	231	127b-2	289	128b-2	306
125b-3	189	126b-3	2	127b-3	272	128b-3	288
125b-4	88	126b-4	49	127b-4	306	128b-4	272
125b-5	117	126b-5	209	127b-5	256	128b-5	324
125b-6	168	126b-6	120	127b-6	272	128b-6	256
125b-7	285	126b-7	112	127b-7	288	128b-7	288
125b-8	156	126b-8	2	127b-8	272	128b-8	256
125b-9	2	126b-9	187	127b-9	288	128b-9	324
125b-10	168	126b-10	220	127b-10	272	128b-10	306
125b-11	242	126b-11	221	127b-11	289	128b-11	272
125b-12	64	126b-12	72	127b-12	272	128b-12	288



129a-1	324	130a-1	272	131a-1	288	132a-1	272
129a-2	272	130a-2	306	131a-2	324	132a-2	256
129a-3	289	130a-3	324	131a-3	306	132a-3	272
129a-4	306	130a-4	306	131a-4	324	132a-4	306
129a-5	256	130a-5	256	131a-5	272	132a-5	324
129a-6	272	130a-6	288	131a-6	288	132a-6	272
129a-7	288	130a-7	256	131a-7	272	132a-7	288
129a-8	324	130a-8	272	131a-8	289	132a-8	306
129a-9	256	130a-9	289	131a-9	306	132a-9	288
129a-10	272	130a-10	324	131a-10	289	132a-10	306
129a-11	289	130a-11	272	131a-11	306	132a-11	272
129a-12	306	130a-12	306	131a-12	272	132a-12	288
129b-1	324	130b-1	288	131b-1	288	132b-1	288
129b-2	289	130b-2	324	131b-2	272	132b-2	306
129b-3	272	130b-3	272	131b-3	306	132b-3	324
129b-4	324	130b-4	289	131b-4	288	132b-4	288
129b-5	289	130b-5	288	131b-5	272	132b-5	324
129b-6	256	130b-6	306	131b-6	288	132b-6	288
129b-7	288	130b-7	289	131b-7	272	132b-7	272
129b-8	306	130b-8	288	131b-8	306	132b-8	306
129b-9	256	130b-9	272	131b-9	288	132b-9	288
129b-10	288	130b-10	288	131b-10	306	132b-10	306
129b-11	306	130b-11	272	131b-11	324	132b-11	289
129b-12	324	130b-12	289	131b-12	288	132b-12	306

133a-1	12	134a-1	12	135a-1	10	136a-1	9
133a-2	12	134a-2	11	135a-2	13	136a-2	12
133a-3	11	134a-3	10	135a-3	14	136a-3	10
133a-4	14	134a-4	14	135a-4	11	136a-4	12
133a-5	12	134a-5	11	135a-5	11	136a-5	13
133a-6	13	134a-6	10	135a-6	13	136a-6	11
133a-7	9	134a-7	12	135a-7	10	136a-7	11
133a-8	13	134a-8	10	135a-8	9	136a-8	12
133a-9	11	134a-9	9	135a-9	11	136a-9	10
133a-10	11	134a-10	11	135a-10	12	136a-10	11
133a-11	10	134a-11	13	135a-11	12	136a-11	14
133a-12	10	134a-12	13	135a-12	10	136a-12	10
133b-1	9	134b-1	13	135b-1	10	136b-1	10
133b-2	10	134b-2	11	135b-2	9	136b-2	11
133b-3	11	134b-3	12	135b-3	12	136b-3	11
133b-4	11	134b-4	12	135b-4	12	136b-4	10
133b-5	13	134b-5	10	135b-5	11	136b-5	9
133b-6	11	134b-6	12	135b-6	10	136b-6	13
133b-7	10	134b-7	11	135b-7	11	136b-7	13
133b-8	12	134b-8	9	135b-8	14	136b-8	12
133b-9	14	134b-9	10	135b-9	13	136b-9	11
133b-10	13	134b-10	11	135b-10	13	136b-10	12
133b-11	12	134b-11	10	135b-11	12	136b-11	14
133b-12	12	134b-12	13	135b-12	11	136b-12	10

137a-1	10	138a-1	11	139a-1	168	140a-1	132
137a-2	12	138a-2	9	139a-2	156	140a-2	150
137a-3	11	138a-3	10	139a-3	180	140a-3	130
137a-4	10	138a-4	10	139a-4	132	140a-4	121
137a-5	11	138a-5	11	139a-5	210	140a-5	154
137a-6	12	138a-6	13	139a-6	143	140a-6	225
137a-7	10	138a-7	12	139a-7	120	140a-7	110
137a-8	13	138a-8	11	139a-8	150	140a-8	168
137a-9	12	138a-9	13	139a-9	144	140a-9	143
137a-10	13	138a-10	14	139a-10	165	140a-10	140
137a-11	11	138a-11	12	139a-11	195	140a-11	182
137a-12	9	138a-12	12	139a-12	182	140a-12	100
137b-1	12	138b-1	11	139b-1	154	140b-1	154
137b-2	12	138b-2	11	139b-2	120	140b-2	168
137b-3	11	138b-3	10	139b-3	180	140b-3	225
137b-4	11	138b-4	10	139b-4	195	140b-4	140
137b-5	13	138b-5	10	139b-5	168	140b-5	132
137b-6	10	138b-6	13	139b-6	140	140b-6	195
137b-7	9	138b-7	12	139b-7	130	140b-7	169
137b-8	12	138b-8	13	139b-8	121	140b-8	100
137b-9	13	138b-9	12	139b-9	156	140b-9	120
137b-10	10	138b-10	12	139b-10	169	140b-10	156
137b-11	10	138b-11	9	139b-11	182	140b-11	150
137b-12	14	138b-12	11	139b-12	143	140b-12	143

141a-1	100	142a-1	120	143a-1	182	144a-1	110
141a-2	182	142a-2	121	143a-2	154	144a-2	182
141a-3	210	142a-3	156	143a-3	195	144a-3	121
141a-4	110	142a-4	195	143a-4	130	144a-4	165
141a-5	169	142a-5	110	143a-5	165	144a-5	195
141a-6	140	142a-6	169	143a-6	144	144a-6	132
141a-7	150	142a-7	165	143a-7	156	144a-7	210
141a-8	195	142a-8	182	143a-8	180	144a-8	144
141a-9	144	142a-9	154	143a-9	168	144a-9	180
141a-10	168	142a-10	168	143a-10	150	144a-10	225
141a-11	180	142a-11	210	143a-11	169	144a-11	156
141a-12	120	142a-12	143	143a-12	120	144a-12	130
141b-1	168	142b-1	195	143b-1	132	144b-1	150
141b-2	154	142b-2	130	143b-2	169	144b-2	140
141b-3	195	142b-3	180	143b-3	121	144b-3	120
141b-4	130	142b-4	110	143b-4	120	144b-4	132
141b-5	140	142b-5	165	143b-5	196	144b-5	143
141b-6	165	142b-6	169	143b-6	225	144b-6	110
141b-7	180	142b-7	156	143b-7	210	144b-7	210
141b-8	150	142b-8	120	143b-8	100	144b-8	168
141b-9	143	142b-9	121	143b-9	154	144b-9	100
141b-10	156	142b-10	132	143b-10	140	144b-10	182
141b-11	210	142b-11	140	143b-11	143	144b-11	154
141b-12	110	142b-12	154	143b-12	110	144b-12	196

145a-1	120	146a-1	72	147a-1	90	148a-1	2
145a-2	126	146a-2	90	147a-2	144	148a-2	2
145a-3	104	146a-3	96	147a-3	225	148a-3	180
145a-4	99	146a-4	48	147a-4	140	148a-4	72
145a-5	126	146a-5	84	147a-5	169	148a-5	210
145a-6	90	146a-6	2	147a-6	2	148a-6	156
145a-7	72	146a-7	320	147a-7	160	148a-7	192
145a-8	285	146a-8	352	147a-8	180	148a-8	168
145a-9	231	146a-9	114	147a-9	56	148a-9	304
145a-10	72	146a-10	2	147a-10	54	148a-10	143
145a-11	48	146a-11	182	147a-11	64	148a-11	110
145a-12	182	146a-12	180	147a-12	144	148a-12	99
145b-1	2	146b-1	154	147b-1	2	148b-1	70
145b-2	144	146b-2	99	147b-2	180	148b-2	78
145b-3	220	146b-3	2	147b-3	260	148b-3	110
145b-4	225	146b-4	216	147b-4	112	148b-4	208
145b-5	176	146b-5	187	147b-5	104	148b-5	280
145b-6	220	146b-6	130	147b-6	152	148b-6	182
145b-7	54	146b-7	121	147b-7	102	148b-7	88
145b-8	196	146b-8	56	147b-8	2	148b-8	2
145b-9	132	146b-9	60	147b-9	90	148b-9	80
145b-10	352	146b-10	160	147b-10	84	148b-10	221
145b-11	2	146b-11	126	147b-11	2	148b-11	198
145b-12	144	146b-12	48	147b-12	247	148b-12	189

149a-1	189	150a-1	112	151a-1	400	152a-1	380
149a-2	42	150a-2	72	151a-2	380	152a-2	400
149a-3	255	150a-3	156	151a-3	361	152a-3	361
149a-4	272	150a-4	176	151a-4	400	152a-4	380
149a-5	220	150a-5	72	151a-5	380	152a-5	361
149a-6	72	150a-6	144	151a-6	361	152a-6	380
149a-7	150	150a-7	228	151a-7	380	152a-7	361
149a-8	256	150a-8	135	151a-8	361	152a-8	400
149a-9	190	150a-9	2	151a-9	400	152a-9	361
149a-10	2	150a-10	144	151a-10	380	152a-10	380
149a-11	100	150a-11	56	151a-11	400	152a-11	361
149a-12	160	150a-12	63	151a-12	380	152a-12	380
149b-1	2	150b-1	288	151b-1	361	152b-1	380
149b-2	195	150b-2	126	151b-2	380	152b-2	400
149b-3	90	150b-3	90	151b-3	400	152b-3	361
149b-4	176	150b-4	42	151b-4	380	152b-4	380
149b-5	99	150b-5	144	151b-5	361	152b-5	400
149b-6	160	150b-6	160	151b-6	380	152b-6	361
149b-7	180	150b-7	204	151b-7	361	152b-7	400
149b-8	63	150b-8	208	151b-8	380	152b-8	380
149b-9	210	150b-9	60	151b-9	400	152b-9	361
149b-10	2	150b-10	72	151b-10	380	152b-10	380
149b-11	42	150b-11	300	151b-11	400	152b-11	361
149b-12	91	150b-12	156	151b-12	361	152b-12	380

153a-1	400	154a-1	380	155a-1	380	156a-1	380
153a-2	361	154a-2	361	155a-2	361	156a-2	400
153a-3	400	154a-3	380	155a-3	380	156a-3	361
153a-4	361	154a-4	361	155a-4	361	156a-4	380
153a-5	380	154a-5	380	155a-5	380	156a-5	400
153a-6	361	154a-6	400	155a-6	400	156a-6	380
153a-7	380	154a-7	361	155a-7	380	156a-7	361
153a-8	400	154a-8	380	155a-8	361	156a-8	380
153a-9	361	154a-9	361	155a-9	400	156a-9	361
153a-10	400	154a-10	380	155a-10	361	156a-10	380
153a-11	361	154a-11	400	155a-11	380	156a-11	361
153a-12	400	154a-12	380	155a-12	361	156a-12	380
153b-1	361	154b-1	400	155b-1	361	156b-1	400
153b-2	380	154b-2	380	155b-2	400	156b-2	380
153b-3	400	154b-3	400	155b-3	380	156b-3	361
153b-4	361	154b-4	380	155b-4	400	156b-4	380
153b-5	380	154b-5	361	155b-5	361	156b-5	361
153b-6	400	154b-6	380	155b-6	380	156b-6	380
153b-7	380	154b-7	361	155b-7	361	156b-7	400
153b-8	361	154b-8	380	155b-8	400	156b-8	380
153b-9	380	154b-9	361	155b-9	361	156b-9	400
153b-10	361	154b-10	380	155b-10	380	156b-10	380
153b-11	380	154b-11	361	155b-11	361	156b-11	400
153b-12	400	154b-12	400	155b-12	400	156b-12	361

157a-1	15	158a-1	14	159a-1	8	160a-1	14
157a-2	8	158a-2	12	159a-2	20	160a-2	16
157a-3	13	158a-3	14	159a-3	19	160a-3	11
157a-4	18	158a-4	15	159a-4	16	160a-4	10
157a-5	17	158a-5	15	159a-5	16	160a-5	8
157a-6	10	158a-6	9	159a-6	13	160a-6	19
157a-7	11	158a-7	11	159a-7	15	160a-7	7
157a-8	14	158a-8	17	159a-8	9	160a-8	15
157a-9	15	158a-9	17	159a-9	17	160a-9	9
157a-10	10	158a-10	10	159a-10	15	160a-10	11
157a-11	9	158a-11	14	159a-11	13	160a-11	9
157a-12	18	158a-12	13	159a-12	9	160a-12	9
157b-1	13	158b-1	9	159b-1	12	160b-1	20
157b-2	12	158b-2	9	159b-2	17	160b-2	11
157b-3	16	158b-3	14	159b-3	16	160b-3	13
157b-4	19	158b-4	8	159b-4	9	160b-4	17
157b-5	12	158b-5	9	159b-5	11	160b-5	20
157b-6	12	158b-6	16	159b-6	9	160b-6	17
157b-7	10	158b-7	13	159b-7	15	160b-7	8
157b-8	15	158b-8	17	159b-8	11	160b-8	19
157b-9	14	158b-9	12	159b-9	20	160b-9	18
157b-10	10	158b-10	11	159b-10	17	160b-10	16
157b-11	11	158b-11	15	159b-11	20	160b-11	16
157b-12	8	158b-12	16	159b-12	19	160b-12	8



161a-1	10	162a-1	9	163a-1	240	164a-1	270
161a-2	19	162a-2	20	163a-2	380	164a-2	285
161a-3	15	162a-3	14	163a-3	270	164a-3	306
161a-4	11	162a-4	14	163a-4	304	164a-4	380
161a-5	9	162a-5	14	163a-5	255	164a-5	304
161a-6	13	162a-6	12	163a-6	272	164a-6	360
161a-7	8	162a-7	13	163a-7	289	164a-7	272
161a-8	16	162a-8	14	163a-8	323	164a-8	288
161a-9	21	162a-9	15	163a-9	324	164a-9	300
161a-10	15	162a-10	20	163a-10	288	164a-10	255
161a-11	18	162a-11	9	163a-11	285	164a-11	256
161a-12	14	162a-12	11	163a-12	360	164a-12	340
161b-1	18	162b-1	9	163b-1	323	164b-1	361
161b-2	19	162b-2	10	163b-2	300	164b-2	256
161b-3	15	162b-3	20	163b-3	240	164b-3	323
161b-4	9	162b-4	18	163b-4	380	164b-4	306
161b-5	17	162b-5	14	163b-5	400	164b-5	285
161b-6	16	162b-6	15	163b-6	324	164b-6	288
161b-7	14	162b-7	10	163b-7	272	164b-7	304
161b-8	9	162b-8	11	163b-8	289	164b-8	255
161b-9	17	162b-9	17	163b-9	285	164b-9	380
161b-10	8	162b-10	13	163b-10	320	164b-10	300
161b-11	15	162b-11	14	163b-11	304	164b-11	225
161b-12	10	162b-12	9	163b-12	340	164b-12	400

165a-1	380	166a-1	288	167a-1	342	168a-1	255
165a-2	240	166a-2	304	167a-2	306	168a-2	324
165a-3	360	166a-3	360	167a-3	323	168a-3	256
165a-4	361	166a-4	324	167a-4	304	168a-4	323
165a-5	255	166a-5	272	167a-5	360	168a-5	304
165a-6	306	166a-6	289	167a-6	225	168a-6	360
165a-7	285	166a-7	320	167a-7	289	168a-7	342
165a-8	320	166a-8	225	167a-8	400	168a-8	288
165a-9	288	166a-9	323	167a-9	361	168a-9	340
165a-10	300	166a-10	306	167a-10	380	168a-10	270
165a-11	225	166a-11	285	167a-11	272	168a-11	285
165a-12	256	166a-12	240	167a-12	300	168a-12	240
165b-1	285	166b-1	360	167b-1	342	168b-1	340
165b-2	288	166b-2	270	167b-2	324	168b-2	320
165b-3	380	166b-3	288	167b-3	256	168b-3	288
165b-4	255	166b-4	285	167b-4	272	168b-4	255
165b-5	324	166b-5	400	167b-5	400	168b-5	306
165b-6	320	166b-6	304	167b-6	300	168b-6	272
165b-7	272	166b-7	300	167b-7	240	168b-7	342
165b-8	225	166b-8	240	167b-8	225	168b-8	304
165b-9	323	166b-9	255	167b-9	270	168b-9	361
165b-10	304	166b-10	289	167b-10	380	168b-10	324
165b-11	306	166b-11	320	167b-11	285	168b-11	360
165b-12	270	166b-12	272	167b-12	304	168b-12	380

169a-1	2	170a-1	72	171a-1	207	172a-1	182
169a-2	63	170a-2	77	171a-2	420	172a-2	135
169a-3	187	170a-3	2	171a-3	2	172a-3	161
169a-4	399	170a-4	2	171a-4	270	172a-4	3
169a-5	2	170a-5	147	171a-5	133	172a-5	480
169a-6	147	170a-6	72	171a-6	108	172a-6	176
169a-7	84	170a-7	255	171a-7	253	172a-7	408
169a-8	437	170a-8	3	171a-8	130	172a-8	80
169a-9	120	170a-9	2	171a-9	112	172a-9	54
169a-10	336	170a-10	2	171a-10	361	172a-10	104
169a-11	2	170a-11	220	171a-11	2	172a-11	120
169a-12	360	170a-12	198	171a-12	2	172a-12	154
169b-1	2	170b-1	204	171b-1	299	172b-1	36
169b-2	180	170b-2	299	171b-2	96	172b-2	138
169b-3	209	170b-3	100	171b-3	144	172b-3	285
169b-4	285	170b-4	368	171b-4	280	172b-4	198
169b-5	300	170b-5	224	171b-5	140	172b-5	70
169b-6	198	170b-6	2	171b-6	399	172b-6	460
169b-7	120	170b-7	2	171b-7	200	172b-7	128
169b-8	323	170b-8	70	171b-8	180	172b-8	378
169b-9	2	170b-9	160	171b-9	48	172b-9	144
169b-10	114	170b-10	2	171b-10	100	172b-10	2
169b-11	80	170b-11	135	171b-11	437	172b-11	54
169b-12	288	170b-12	143	171b-12	300	172b-12	102

173a-1	66	174a-1	91	175a-1	484	176a-1	441
173a-2	228	174a-2	2	175a-2	462	176a-2	462
173a-3	2	174a-3	209	175a-3	441	176a-3	441
173a-4	360	174a-4	144	175a-4	462	176a-4	484
173a-5	136	174a-5	136	175a-5	441	176a-5	441
173a-6	60	174a-6	2	175a-6	484	176a-6	462
173a-7	2	174a-7	126	175a-7	462	176a-7	441
173a-8	84	174a-8	320	175a-8	441	176a-8	484
173a-9	230	174a-9	143	175a-9	484	176a-9	462
173a-10	276	174a-10	190	175a-10	462	176a-10	441
173a-11	182	174a-11	154	175a-11	484	176a-11	484
173a-12	286	174a-12	48	175a-12	462	176a-12	462
173b-1	2	174b-1	112	175b-1	462	176b-1	441
173b-2	264	174b-2	152	175b-2	484	176b-2	462
173b-3	300	174b-3	276	175b-3	462	176b-3	484
173b-4	2	174b-4	3	175b-4	484	176b-4	441
173b-5	48	174b-5	102	175b-5	462	176b-5	462
173b-6	204	174b-6	63	175b-6	441	176b-6	484
173b-7	72	174b-7	2	175b-7	484	176b-7	462
173b-8	2	174b-8	2	175b-8	462	176b-8	484
173b-9	2	174b-9	2	175b-9	441	176b-9	462
173b-10	161	174b-10	2	175b-10	484	176b-10	441
173b-11	80	174b-11	42	175b-11	441	176b-11	484
173b-12	168	174b-12	440	175b-12	484	176b-12	441

177a-1	484	178a-1	462	179a-1	441	180a-1	462
177a-2	462	178a-2	441	179a-2	462	180a-2	441
177a-3	484	178a-3	462	179a-3	484	180a-3	462
177a-4	462	178a-4	441	179a-4	441	180a-4	484
177a-5	441	178a-5	462	179a-5	462	180a-5	462
177a-6	462	178a-6	484	179a-6	441	180a-6	484
177a-7	441	178a-7	441	179a-7	484	180a-7	462
177a-8	462	178a-8	462	179a-8	462	180a-8	484
177a-9	441	178a-9	441	179a-9	484	180a-9	462
177a-10	484	178a-10	462	179a-10	462	180a-10	484
177a-11	441	178a-11	441	179a-11	484	180a-11	462
177a-12	484	178a-12	462	179a-12	462	180a-12	441
177b-1	484	178b-1	484	179b-1	462	180b-1	462
177b-2	441	178b-2	462	179b-2	441	180b-2	441
177b-3	462	178b-3	441	179b-3	462	180b-3	462
177b-4	441	178b-4	462	179b-4	441	180b-4	484
177b-5	462	178b-5	441	179b-5	462	180b-5	462
177b-6	484	178b-6	462	179b-6	441	180b-6	441
177b-7	441	178b-7	441	179b-7	462	180b-7	462
177b-8	462	178b-8	484	179b-8	484	180b-8	441
177b-9	441	178b-9	441	179b-9	441	180b-9	462
177b-10	462	178b-10	462	179b-10	462	180b-10	441
177b-11	441	178b-11	484	179b-11	484	180b-11	462
177b-12	462	178b-12	441	179b-12	462	180b-12	484

181a-1	23	182a-1	31	183a-1	38	184a-1	20
181a-2	32	182a-2	24	183a-2	22	184a-2	22
181a-3	18	182a-3	36	183a-3	22	184a-3	24
181a-4	24	182a-4	24	183a-4	22	184a-4	21
181a-5	27	182a-5	22	183a-5	23	184a-5	29
181a-6	26	182a-6	22	183a-6	27	184a-6	25
181a-7	23	182a-7	25	183a-7	26	184a-7	18
181a-8	21	182a-8	34	183a-8	18	184a-8	17
181a-9	26	182a-9	34	183a-9	21	184a-9	31
181a-10	28	182a-10	27	183a-10	29	184a-10	26
181a-11	37	182a-11	31	183a-11	18	184a-11	26
181a-12	27	182a-12	22	183a-12	26	184a-12	36
181b-1	41	182b-1	25	183b-1	22	184b-1	23
181b-2	30	182b-2	26	183b-2	28	184b-2	22
181b-3	27	182b-3	23	183b-3	23	184b-3	25
181b-4	21	182b-4	25	183b-4	24	184b-4	24
181b-5	29	182b-5	35	183b-5	18	184b-5	39
181b-6	27	182b-6	29	183b-6	27	184b-6	31
181b-7	31	182b-7	37	183b-7	38	184b-7	22
181b-8	21	182b-8	29	183b-8	34	184b-8	34
181b-9	18	182b-9	25	183b-9	31	184b-9	27
181b-10	28	182b-10	27	183b-10	35	184b-10	28
181b-11	24	182b-11	30	183b-11	24	184b-11	32
181b-12	29	182b-12	26	183b-12	29	184b-12	29

185a-1	27	186a-1	24	187a-1	462	188a-1	462
185a-2	20	186a-2	24	187a-2	440	188a-2	440
185a-3	24	186a-3	31	187a-3	462	188a-3	484
185a-4	27	186a-4	25	187a-4	484	188a-4	420
185a-5	31	186a-5	31	187a-5	400	188a-5	440
185a-6	16	186a-6	27	187a-6	462	188a-6	441
185a-7	31	186a-7	28	187a-7	484	188a-7	400
185a-8	24	186a-8	30	187a-8	400	188a-8	440
185a-9	23	186a-9	36	187a-9	462	188a-9	400
185a-10	25	186a-10	31	187a-10	440	188a-10	420
185a-11	22	186a-11	19	187a-11	420	188a-11	400
185a-12	25	186a-12	20	187a-12	441	188a-12	420
185b-1	27	186b-1	25	187b-1	400	188b-1	462
185b-2	27	186b-2	33	187b-2	484	188b-2	441
185b-3	24	186b-3	28	187b-3	440	188b-3	462
185b-4	34	186b-4	38	187b-4	400	188b-4	440
185b-5	20	186b-5	24	187b-5	420	188b-5	462
185b-6	25	186b-6	29	187b-6	400	188b-6	400
185b-7	31	186b-7	27	187b-7	420	188b-7	484
185b-8	29	186b-8	25	187b-8	400	188b-8	400
185b-9	27	186b-9	24	187b-9	441	188b-9	462
185b-10	28	186b-10	38	187b-10	440	188b-10	400
185b-11	24	186b-11	21	187b-11	420	188b-11	484
185b-12	24	186b-12	23	187b-12	440	188b-12	420

189a-1	440	190a-1	440	191a-1	420	192a-1	440
189a-2	420	190a-2	441	191a-2	440	192a-2	462
189a-3	462	190a-3	400	191a-3	400	192a-3	440
189a-4	484	190a-4	462	191a-4	440	192a-4	462
189a-5	420	190a-5	484	191a-5	420	192a-5	484
189a-6	462	190a-6	420	191a-6	440	192a-6	462
189a-7	400	190a-7	484	191a-7	420	192a-7	420
189a-8	484	190a-8	440	191a-8	484	192a-8	441
189a-9	420	190a-9	420	191a-9	462	192a-9	462
189a-10	440	190a-10	440	191a-10	484	192a-10	441
189a-11	400	190a-11	400	191a-11	420	192a-11	440
189a-12	440	190a-12	420	191a-12	400	192a-12	484
189b-1	440	190b-1	462	191b-1	484	192b-1	441
189b-2	420	190b-2	440	191b-2	420	192b-2	484
189b-3	400	190b-3	441	191b-3	462	192b-3	400
189b-4	462	190b-4	420	191b-4	484	192b-4	440
189b-5	400	190b-5	484	191b-5	420	192b-5	462
189b-6	484	190b-6	462	191b-6	400	192b-6	400
189b-7	420	190b-7	420	191b-7	484	192b-7	440
189b-8	400	190b-8	440	191b-8	400	192b-8	484
189b-9	441	190b-9	462	191b-9	440	192b-9	462
189b-10	440	190b-10	400	191b-10	420	192b-10	420
189b-11	420	190b-11	420	191b-11	462	192b-11	400
189b-12	441	190b-12	462	191b-12	441	192b-12	462



193a-1	204	194a-1	200	195a-1	300	196a-1	88
193a-2	306	194a-2	2	195a-2	208	196a-2	72
193a-3	2	194a-3	391	195a-3	198	196a-3	192
193a-4	460	194a-4	144	195a-4	323	196a-4	483
193a-5	462	194a-5	2	195a-5	420	196a-5	224
193a-6	198	194a-6	160	195a-6	2	196a-6	150
193a-7	2	194a-7	112	195a-7	195	196a-7	180
193a-8	54	194a-8	255	195a-8	180	196a-8	272
193a-9	323	194a-9	280	195a-9	2	196a-9	361
193a-10	91	194a-10	204	195a-10	63	196a-10	221
193a-11	126	194a-11	2	195a-11	138	196a-11	352
193a-12	105	194a-12	408	195a-12	176	196a-12	120
193b-1	2	194b-1	112	195b-1	184	196b-1	108
193b-2	272	194b-2	462	195b-2	270	196b-2	216
193b-3	304	194b-3	156	195b-3	357	196b-3	48
193b-4	121	194b-4	264	195b-4	198	196b-4	240
193b-5	96	194b-5	2	195b-5	110	196b-5	272
193b-6	180	194b-6	286	195b-6	480	196b-6	247
193b-7	3	194b-7	133	195b-7	150	196b-7	154
193b-8	117	194b-8	136	195b-8	160	196b-8	198
193b-9	2	194b-9	483	195b-9	3	196b-9	240
193b-10	275	194b-10	345	195b-10	2	196b-10	150
193b-11	78	194b-11	2	195b-11	399	196b-11	240
193b-12	168	194b-12	176	195b-12	396	196b-12	2

197a-1	160	198a-1	196	199a-1	552	200a-1	552
197a-2	374	198a-2	528	199a-2	576	200a-2	575
197a-3	204	198a-3	192	199a-3	529	200a-3	600
197a-4	42	198a-4	456	199a-4	625	200a-4	552
197a-5	255	198a-5	399	199a-5	575	200a-5	600
197a-6	288	198a-6	121	199a-6	552	200a-6	529
197a-7	289	198a-7	208	199a-7	575	200a-7	552
197a-8	162	198a-8	2	199a-8	625	200a-8	600
197a-9	220	198a-9	280	199a-9	575	200a-9	552
197a-10	441	198a-10	114	199a-10	552	200a-10	600
197a-11	120	198a-11	162	199a-11	575	200a-11	529
197a-12	342	198a-12	2	199a-12	600	200a-12	575
197b-1	3	198b-1	462	199b-1	529	200b-1	575
197b-2	165	198b-2	420	199b-2	552	200b-2	552
197b-3	252	198b-3	156	199b-3	625	200b-3	529
197b-4	2	198b-4	126	199b-4	552	200b-4	600
197b-5	63	198b-5	150	199b-5	575	200b-5	552
197b-6	368	198b-6	153	199b-6	529	200b-6	575
197b-7	3	198b-7	418	199b-7	600	200b-7	552
197b-8	84	198b-8	253	199b-8	575	200b-8	529
197b-9	210	198b-9	180	199b-9	529	200b-9	576
197b-10	84	198b-10	98	199b-10	600	200b-10	552
197b-11	399	198b-11	143	199b-11	529	200b-11	575
197b-12	190	198b-12	119	199b-12	575	200b-12	529

201a-1	529	202a-1	600	203a-1	529	204a-1	600
201a-2	600	202a-2	575	203a-2	552	204a-2	575
201a-3	552	202a-3	576	203a-3	625	204a-3	625
201a-4	575	202a-4	552	203a-4	552	204a-4	575
201a-5	600	202a-5	529	203a-5	600	204a-5	600
201a-6	552	202a-6	625	203a-6	576	204a-6	529
201a-7	575	202a-7	600	203a-7	529	204a-7	575
201a-8	600	202a-8	552	203a-8	625	204a-8	600
201a-9	575	202a-9	600	203a-9	575	204a-9	552
201a-10	600	202a-10	552	203a-10	552	204a-10	600
201a-11	625	202a-11	529	203a-11	575	204a-11	576
201a-12	552	202a-12	576	203a-12	529	204a-12	552
201b-1	529	202b-1	529	203b-1	552	204b-1	529
201b-2	625	202b-2	575	203b-2	600	204b-2	575
201b-3	600	202b-3	625	203b-3	575	204b-3	600
201b-4	552	202b-4	552	203b-4	529	204b-4	575
201b-5	600	202b-5	529	203b-5	600	204b-5	600
201b-6	576	202b-6	575	203b-6	552	204b-6	529
201b-7	625	202b-7	552	203b-7	576	204b-7	600
201b-8	529	202b-8	575	203b-8	625	204b-8	529
201b-9	552	202b-9	625	203b-9	600	204b-9	576
201b-10	625	202b-10	552	203b-10	576	204b-10	529
201b-11	576	202b-11	575	203b-11	575	204b-11	575
201b-12	575	202b-12	625	203b-12	529	204b-12	552