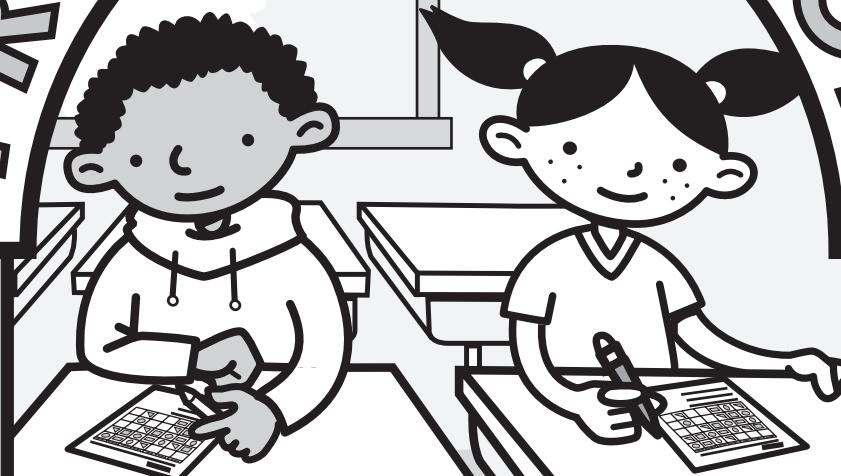


**BLACKLINES**

# PRACTICE BOOK



**Donna Burk**



The MATH LEARNING CENTER



The pages in this Practice Book can be assigned in order to provide practice with key skills during each unit of the Bridges in Mathematics curriculum. The pages can also be used with other elementary math curricula. If you are using this Practice Book with another curriculum, use the tables of pages grouped by skill (iii–vi) to assign pages based on the skills they address, rather than in order by page number.

### **Bridges in Mathematics Grade 1 Practice Book Blacklines**

The Math Learning Center, PO Box 12929, Salem, Oregon 97309. Tel. 1 800 575–8130.

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Prepared for publication on Macintosh Desktop Publishing system.

Printed in the United States of America.

QP917 P0110

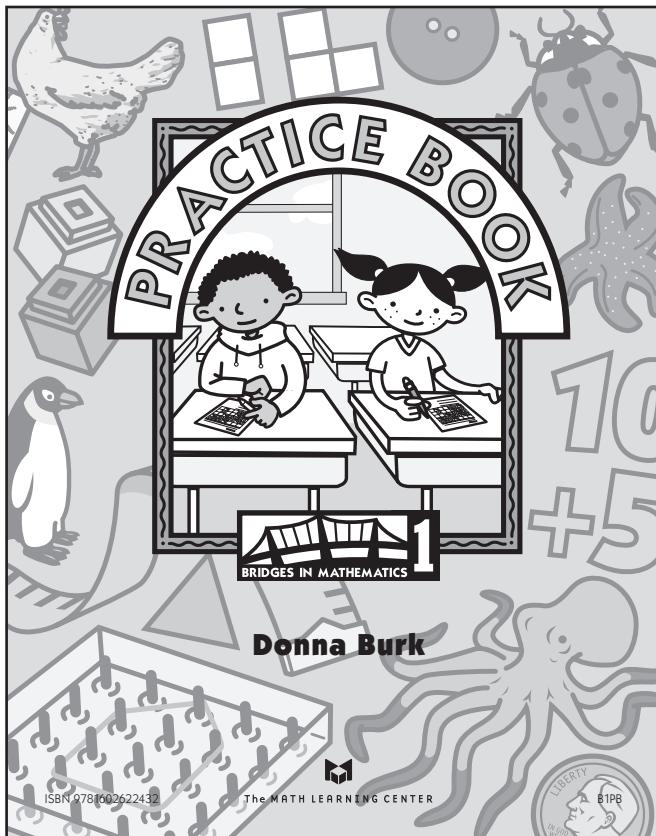
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*Bridges in Mathematics* is a standards-based K–5 curriculum that provides a unique blend of concept development and skills practice in the context of problem solving. It incorporates the Number Corner, a collection of daily skill-building activities for students.

The Math Learning Center is a nonprofit organization serving the education community. Our mission is to inspire and enable individuals to discover and develop their mathematical confidence and ability. We offer innovative and standards-based professional development, curriculum, materials, and resources to support learning and teaching. To find out more, visit us at [www.mathlearningcenter.org](http://www.mathlearningcenter.org).

# Practice Books

The student blacklines in this packet are also available as a pre-printed student book.



## Bridges Practice Books

Single Copy

B1PB

Pack of 10

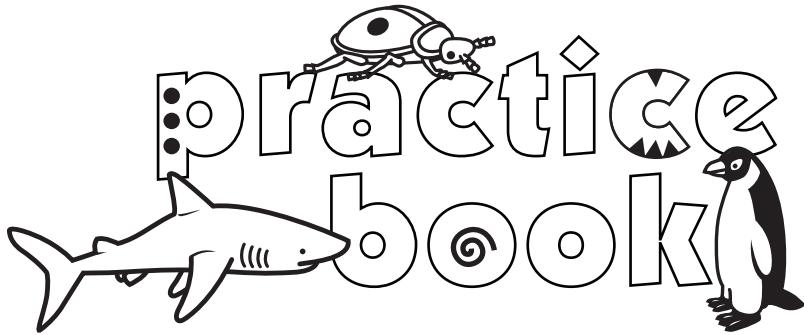
B1PB10

For pricing or to order please call 1 800 575–8130.



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## Teacher Materials

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Unit Six	xiv
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---

## Unit One: Bugs Galore Sorting, Graphing & Counting

### Use anytime after Session 10

Numerals 0–12	1
---------------	---

How Many Bugs?	2
----------------	---

Count the Spots	3
-----------------	---

Ladybug Problem	4
-----------------	---

Ladybug & Spider Legs	5
-----------------------	---

Sort & Graph the Bugs	6
-----------------------	---

### Use anytime after Session 20

Bugs Addition: “Counting On” +1 & +2	7
--------------------------------------	---

Ladybugs in the Grass	8
-----------------------	---

More Bug Problems	9
-------------------	---

Sort & Graph the Buttons	10
--------------------------	----

Number Lines & Counting Patterns	11
----------------------------------	----

Fact Families: 6’s	12
--------------------	----

---

## Unit Two: From Land to Sea Understanding Addition &

### Subtraction

### Use anytime after Session 12

Numerals, Words & Bugs	13
------------------------	----

Adding Doubles & Neighbors	14
----------------------------	----

Adding Zero, One & Two	15
------------------------	----

Counting Coins	16
----------------	----

Odds & Evens Make Seven	17
Bugs in the House Subtraction	18

#### **Use anytime after Session 25**

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---

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#### **Use anytime after Session 10**

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#### **Use anytime after Session 21**

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Different Ways to Write Money Amounts	33
Hungry Shark Subtraction	34
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---

### **Unit Four: Penguins** Measuring & Sorting

#### **Use anytime after Session 10**

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Bath Water & January Ocean Water Temperatures	39
Penguin Subtraction	40
Fast Nines & Fast Tens Addition	41
Comparing Penguin Heights	42

#### **Use anytime after Session 17**

Penguin Families	43
A Penguin Problem	44
More Penguin Problems	45
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---

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What's Missing?	49
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Triangle Fact Families	53
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#### **Use anytime after Session 20**

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Ways to Make Nine	56
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Which Shape Is it? Riddles, page 1	59
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---

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#### **Use anytime after Session 7**

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Winter Farming: Buying Feed for the Animals	63
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North, South, East & West on the Farm	65
A Visit to Strawberry Farm	66

#### **Use anytime after Session 12**

Little Inchworm's Garden	67
Half Dollars	68
Horses, Land & Fences	69
Selling Your Farm Products	70
Computation on a Number Chart	71
Daily Milk Production	72



# introduction

## Bridges in Mathematics Grade 1 Practice Book Blacklines

There are 72 blacklines in this document, designed to provide first grade students with practice in key skill areas, including:

- reading and writing numerals to 100 and beyond
- number patterns (counting by 2's, 5's, and 10's)
- place value (counting by 10's and 1's; early 2-digit computation)
- addition and subtraction facts to 10
- fact strategies to 18
- measurement, money, time, and graphing
- problem solving

This set of blacklines also includes the following materials for the teacher:

- This introduction
- A complete listing of the student pages grouped by skill (see pages iii–vi)
- Answer Keys (see pages vii–xv)

**Note** These teacher materials are not included in the bound student version of the Practice Book, which is sold separately.

While the Practice Book pages are not integral to the Bridges Grade 1 program, they may help you better address the needs of some or all of your students, as well as the grade-level expectations in your particular state. The Practice Book pages may be assigned as seatwork or homework after Bridges sessions that don't include Home Connections. These pages may also serve as a source of:

- skill review
- informal paper-and-pencil assessment
- preparation for standardized testing
- differentiated instruction

Every set of 6 pages has been written to follow the instruction in roughly half a Bridges unit. Practice pages 1–6 can be used anytime after Unit One, Session 10; pages 7–12 can be used anytime after Unit One, Session 20; and so on. Recommended timings are noted at the top of each page. If you are using this Practice Book with another curriculum, use the following lists to assign pages based on the skills they address.

Certain pages have been marked with a Challenge icon. These pages may not be appropriate for all the students in your classroom; consider assigning them selectively.



# Grade 1 Practice Book Pages Grouped by Skill

## READING, WRITING & COUNTING TO 10

Page Title	Page Number	Recommended Timing
Numerals 0–12	1	Anytime after Bridges, Unit 1, Session 10
How Many Bugs?	2	Anytime after Bridges, Unit 1, Session 10
Numerals, Words & Bugs	13	Anytime after Bridges, Unit 2, Session 12

## READING, WRITING & COUNTING TO 20

Page Title	Page Number	Recommended Timing
Count the Spots	3	Anytime after Bridges, Unit 1, Session 10
Numerals to 20	24	Anytime after Bridges, Unit 2, Session 25
Number Word Match	50	Anytime after Bridges, Unit 5, Session 10

## READING, WRITING & COUNTING TO 100 & BEYOND

Page Title	Page Number	Recommended Timing
Bath Water & January Ocean Water Temperatures	39	Anytime after Bridges, Unit 4, Session 10
Comparing Penguin Heights	42	Anytime after Bridges, Unit 4, Session 10
Horses, Land & Fences	69	Anytime after Bridges, Unit 6, Session 12
Selling Your Farm Products	70	Anytime after Bridges, Unit 6, Session 12
Computation on a Number Chart	71	Anytime after Bridges, Unit 6, Session 12
Daily Milk Production	72	Anytime after Bridges, Unit 6, Session 12

## COUNTING PATTERNS: 2'S, 3'S, 5'S, 10'S

Page Title	Page Number	Recommended Timing
Number Lines & Counting Patterns	11	Anytime after Bridges, Unit 1, Session 20
Adding Zero, One & Two	15	Anytime after Bridges, Unit 2, Session 12
Crabs Have Ten Legs & Two Eyes	19	Anytime after Bridges, Unit 2, Session 25
Looking at Sea Stars: Counting by Fives	20	Anytime after Bridges, Unit 2, Session 25
Fast Tens	22	Anytime after Bridges, Unit 2, Session 25
Cubes on a Line	30	Anytime after Bridges, Unit 3, Session 10
Adding & Subtracting Tens on the Hundreds Grid	36	Anytime after Bridges, Unit 3, Session 21
Penguin Families	43	Anytime after Bridges, Unit 4, Session 17
Skip Counting by 2's	46	Anytime after Bridges, Unit 4, Session 17

**Grade 1 Practice Book Pages Grouped by Skill (cont.)**

<b>PLACE VALUE: COUNTING BY TENS &amp; ONES/BEGINNING 2-DIGIT ADDITION &amp; SUBTRACTION</b>		
<b>Page Title</b>	<b>Page Number</b>	<b>Recommended Timing</b>
Cubes on a Line	30	Anytime after Bridges, Unit 3, Session 10
Bath Water & January Ocean Water Temperatures	39	Anytime after Bridges, Unit 4, Session 10
Comparing Penguin Heights	42	Anytime after Bridges, Unit 4, Session 10
Determining Differences on a Number Line (challenge)	48	Anytime after Bridges, Unit 4, Session 17
Winter Farming: Buying Feed for the Animals	63	Anytime after Bridges, Unit 6, Session 7
Horses, Land & Fences	69	Anytime after Bridges, Unit 6, Session 12
Computation on a Number Chart	71	Anytime after Bridges, Unit 6, Session 12
Daily Milk Production	72	Anytime after Bridges, Unit 6, Session 12

<b>ADDITION &amp; SUBTRACTION FACTS TO 10</b>		
<b>Page Title</b>	<b>Page Number</b>	<b>Recommended Timing</b>
Fact Families: 6's	12	Anytime after Bridges, Unit 1, Session 20
Odds & Evens Make Seven	17	Anytime after Bridges, Unit 2, Session 12
Bugs in the House Subtraction	18	Anytime after Bridges, Unit 2, Session 12
Make Ten Addition	31	Anytime after Bridges, Unit 3, Session 21
Sums & Differences to Ten (challenge)	32	Anytime after Bridges, Unit 3, Session 21
Hungry Shark Subtraction	34	Anytime after Bridges, Unit 3, Session 21
Hungry Shark Subtraction: What's Missing?	35	Anytime after Bridges, Unit 3, Session 21
Penguin Subtraction	40	Anytime after Bridges, Unit 4, Session 10
Adding & Subtracting	51	Anytime after Bridges, Unit 5, Session 10
Triangle Fact Families	53	Anytime after Bridges, Unit 5, Session 10
Ways to Make Nine	56	Anytime after Bridges, Unit 5, Session 20
Fact Practice	64	Anytime after Bridges, Unit 6, Session 7

<b>ADDITION &amp; SUBTRACTION FACT STRATEGIES (INCLUDES FACTS TO 18)</b>		
<b>Page Title</b>	<b>Page Number</b>	<b>Recommended Timing</b>
Bugs Addition: "Counting On" +1 & +2	7	Anytime after Bridges, Unit 1, Session 20
Adding Doubles & Neighbors	14	Anytime after Bridges, Unit 2, Session 12
Adding Zero, One & Two (challenge)	15	Anytime after Bridges, Unit 2, Session 12
Fast Tens Addition	21	Anytime after Bridges, Unit 2, Session 25
Fast Tens	22	Anytime after Bridges, Unit 2, Session 25
Doubles & Neighbors	37	Anytime after Bridges, Unit 4, Session 10
More Doubles & Neighbors Addition	38	Anytime after Bridges, Unit 4, Session 10
Fast Nines & Fast Tens Addition	41	Anytime after Bridges, Unit 4, Session 10
Number Word Match	50	Anytime after Bridges, Unit 5, Session 10
Doubles & Halves: Addition & Subtraction	54	Anytime after Bridges, Unit 5, Session 10
Winter Farming: Buying Feed for the Animals	63	Anytime after Bridges, Unit 6, Session 7

**Grade 1 Practice Book Pages Grouped by Skill (cont.)**

<b>SORTING &amp; GRAPHING</b>		
<b>Page Title</b>	<b>Page Number</b>	<b>Recommended Timing</b>
Sort & Graph the Bugs	6	Anytime after Bridges, Unit 1, Session 10
Sort & Graph the Buttons	10	Anytime after Bridges, Unit 1, Session 20
Coins from Sarah's Piggy Bank	27	Anytime after Bridges, Unit 3, Session 10
Tuesday Afternoon Temperatures	29	Anytime after Bridges, Unit 3, Session 10

<b>MONEY</b>		
<b>Page Title</b>	<b>Page Number</b>	<b>Recommended Timing</b>
Counting Coins	16	Anytime after Bridges, Unit 2, Session 12
More Counting Coins	23	Anytime after Bridges, Unit 2, Session 25
Coins from Sarah's Piggy Bank	27	Anytime after Bridges, Unit 3, Session 10
Different Ways to Write Money Amounts	33	Anytime after Bridges, Unit 3, Session 21
Capture the Coins & Count Your Coins	57	Anytime after Bridges, Unit 5, Session 20
Half Dollars	68	Anytime after Bridges, Unit 6, Session 12

<b>TELLING TIME TO THE HOUR &amp; THE HALF HOUR</b>		
<b>Page Title</b>	<b>Page Number</b>	<b>Recommended Timing</b>
Two Kinds of Clocks	28	Anytime after Bridges, Unit 3, Session 10
A Farmer's Morning	61	Anytime after Bridges, Unit 6, Session 7
A Farmer's Afternoon (challenge)	62	Anytime after Bridges, Unit 6, Session 7

<b>MEASUREMENT (LENGTH IN U.S. CUSTOMRY UNITS)</b>		
<b>Page Title</b>	<b>Page Number</b>	<b>Recommended Timing</b>
Comparing Penguin Heights	42	Anytime after Bridges, Unit 4, Session 10
How Long Is It? Measuring with the Inchworm	52	Anytime after Bridges, Unit 5, Session 10
Little Inchworm's Garden	67	Anytime after Bridges, Unit 6, Session 12

<b>GEOMETRY: SHAPES &amp; MAPPING SKILLS</b>		
<b>Page Title</b>	<b>Page Number</b>	<b>Recommended Timing</b>
What's Missing?	49	Anytime after Bridges, Unit 5, Session 10
Which Shape Does Not Belong?	55	Anytime after Bridges, Unit 5, Session 20
Capture the Coins & Count Your Coins	57	Anytime after Bridges, Unit 5, Session 20
Polygons & Nonpolygons	58	Anytime after Bridges, Unit 5, Session 20
Which Shape Is It? Riddles, page 1	59	Anytime after Bridges, Unit 5, Session 20
Which Shape Is It? Riddles, page 2	60	Anytime after Bridges, Unit 5, Session 20
North, South, East & West on the Farm	65	Anytime after Bridges, Unit 6, Session 7
A Visit to Strawberry Farm	66	Anytime after Bridges, Unit 6, Session 7
Little Inchworm's Garden	67	Anytime after Bridges, Unit 6, Session 12

**Grade 1 Practice Book Pages Grouped by Skill (cont.)**

<b>PROBLEM SOLVING</b>		
<b>Page Title</b>	<b>Page Number</b>	<b>Recommended Timing</b>
Ladybug Problem	4	Anytime after Bridges, Unit 1, Session 10
Ladybug & Spider Legs (challenge)	5	Anytime after Bridges, Unit 1, Session 10
Ladybugs in the Grass	8	Anytime after Bridges, Unit 1, Session 20
More Bug Problems (challenge)	9	Anytime after Bridges, Unit 1, Session 20
Looking at Sea Stars: Counting by Fives	20	Anytime after Bridges, Unit 2, Session 25
Crab & Sea Star Problems	25	Anytime after Bridges, Unit 3, Session 10
Crab & Sea Star Challenge Problem (challenge)	26	Anytime after Bridges, Unit 3, Session 10
A Penguin Problem	44	Anytime after Bridges, Unit 4, Session 17
More Penguin Problems	45	Anytime after Bridges, Unit 4, Session 17
Penguin Challenge Problems (challenge)	47	Anytime after Bridges, Unit 4, Session 17
Winter Farming: Buying Feed for the Animals	63	Anytime after Bridges, Unit 6, Session 7
Horses, Land & Fences	69	Anytime after Bridges, Unit 6, Session 12
Selling Your Farm Products	70	Anytime after Bridges, Unit 6, Session 12
Computation on a Number Chart	71	Anytime after Bridges, Unit 6, Session 12
Daily Milk Production	72	Anytime after Bridges, Unit 6, Session 12

# Grade 1 Practice Book Answer Keys



## ANSWER KEY

### Use after Unit One, Session 10

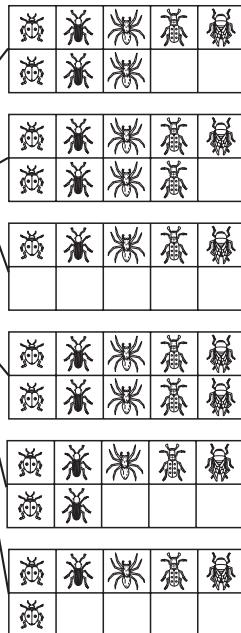
#### Page 1, Numerals 0–12

No key needed

#### Page 2, How Many Bugs?

1

five 5 5 5  
six 6 6 6  
seven 7 7 7  
eight 8 8 8  
nine 9 9 9  
ten 10 10 10



2 a–c Students' work will vary.

d 3

#### Page 3, Count the Spots

1 No Key Needed

- 2 a 14  
b 12  
c 18  
d 16  
e 15  
f 13  
g 17  
h 19

#### Page 4, Ladybug Problem

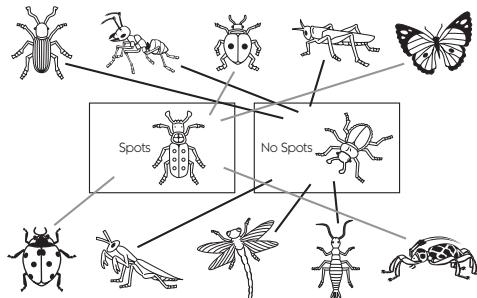
1 12 legs; students' work will vary.

#### Page 5, Ladybug & Spider Legs (Challenge)

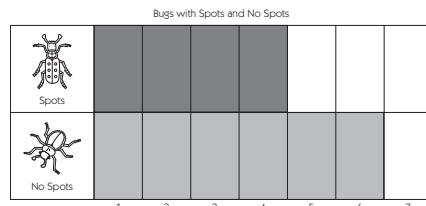
- 1 20 legs; students' work will vary.  
2 3 ladybugs; students' work will vary.

#### Page 6, Sort & Graph the Bugs

1



2



### Use after Unit One, Session 20

#### Page 7, Bugs Addition: “Counting On” +1 & +2

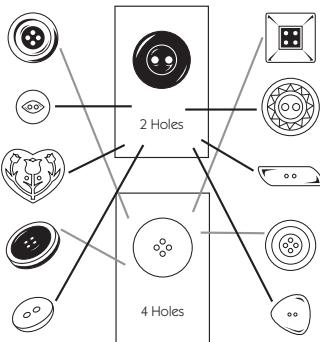
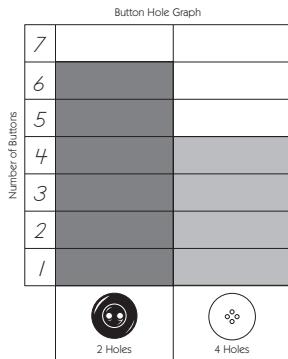
- 1 4  
2 5  
3 5  
4 6  
5 6  
6 7

#### Page 8, Ladybugs in the Grass

- 1 3 ladybugs are hiding behind the rock.  
There are 9 ladybugs altogether.  
Students' work will vary.

#### Page 9, More Bug Problems (Challenge)

- 1 16 bugs; students' work will vary.  
2 30 antennae; students' work will vary.

**Use after Unit One, Session 20 (cont.)****Page 10, Sort & Graph the Buttons****1****2****Page 11, Number Lines & Counting Patterns****1** No key needed**2** **a** 12, 13, 15**b** 40, 45, 50**c** 12, 18, 22, 24**d** 30, 40, 60, 70**Page 12, Fact Families: 6's****1** No key needed**2** **a** 6, 6, 6

6, 6, 6

3, 1, 2

**b** 3, 2, 6

4, 1, 5

3, 5, 2

**3** (challenge) 60, 60, 10

50, 30, 20

20, 10, 20

20, 30, 0

**Use after Unit Two, Session 12****Page 13, Numerals, Words & Bugs****1** No key needed**2** **a** 10 ten**b** 5 five**c** 3 three**d** 9 nine**e** 4 four**f** 7 seven**g** 6 six**h** 2 two**i** 1 one**Page 14, Adding Doubles & Neighbors****1** **a** 2**b** 3**c** 4**d** 5**e** 6**f** 7**g** 8**h** 9**i** 9**j** 10**2** 6, 7, 8

9, 10, 5

7, 5, 11

**Page 15, Adding Zero, One & Two (Challenge)****1** 2, 1, 2

2, 1, 1

2, 1, 2

5, 8, 7

3, 7, 6

9, 5, 8

**2** 30, 40, 60, 70**3** 30, 40, 40, 30, 50, 80, 60

60, 90, 20, 60, 70, 100, 80

**Page 16, Counting Coins****1** **a** 40¢**b** 15¢**c** 5¢**d** 20¢**e** 22¢**f** 36¢



## Use after Unit Two, Session 12 (cont.)

### Page 17, Odds & Evens Make Seven

- 1 a  $6 + 1 = 7$
  - b  $4 + 3 = 7$
  - c  $7 + 0 = 7$
  - d  $2 + 5 = 7$
  - e  $3 + 4 = 7$
  - f  $6 + 1 = 7$
- 2 0, 3, 2  
6, 5, 1

### Page 18, Bugs in the House Subtraction

- 1 5, 4, 2  
6, 0, 1  
6, 6, 5  
2, 4, 1
- 2 3, 2, 0, 3, 4, 0, 1  
2, 3, 0, 2, 5, 4, 1  
1, 1, 1, 2, 0, 0, 0

## Use after Unit Two, Session 25

### Page 19, Crabs Have Ten Legs & Two Eyes

- 1 one, 10, 2
- 2 two, 20, 4
- 3 three, 30, 6
- 4 four, 40, 8
- 5 five, 50, 10
- 6 six, 60, 12

### Page 20, Looking at Sea Stars: Counting by Fives

- 1 5 arms, 10 arms, 15 arms, 20 arms, 25 arms
- 2 a 6 sea stars; students' work will vary.  
b 35 arms; students' work will vary.
- 3 00, 05, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60

### Page 21, Fast Tens Addition

- 1 18
- 2 12
- 3 16
- 4 14
- 5 11
- 6 15
- 7 17
- 8 13

### Page 22, Fast Tens

- 1 12, 15, 19  
10, 17, 14  
18, 11, 13  
16, 13, 17  
18, 15, 10  
11, 19, 16  
14, 12, 20
- 2 a 12, 14, 15, 18, 19  
b 30, 50, 60, 70, 90  
c 20, 25, 35, 45, 50, 60, 65  
d 12, 10, 7, 6, 4, 3, 2
- 3 a (challenge) Count by 2's  
b (challenge) 7, 13, 15, 19, 21, 25, 29

### Page 23, More Counting Coins

- 1 10, 20, 30, 40, and 50 should be circled on the grid.
- 2 a 24¢  
b 41¢  
c 15¢  
d 33¢  
e 51¢

### Page 24, Numerals to 20

1

11 11 11 eleven  
12 12 12 twelve  
13 13 13 thirteen  
14 14 14 fourteen  
15 15 15 fifteen  
16 16 16 sixteen  
17 17 17 seventeen  
18 18 18 eighteen  
19 19 19 nineteen  
20 20 20 twenty

$10 + 10 = 20$
$10 + 8 = 18$
$10 + 3 = 13$
$10 + 1 = 11$
$10 + 7 = 17$
$10 + 2 = 12$

- 2 10, 13, 15, 17, 19



## Use after Unit Three, Session 10

### Page 25, Crab & Sea Star Problems

- 1 95 arms and legs; students' work will vary.  
2 11 sea stars; students' work will vary.

### Page 26, Crab & Sea Star Challenge Problem (Challenge)

- 1 Students' responses will vary. Examples:

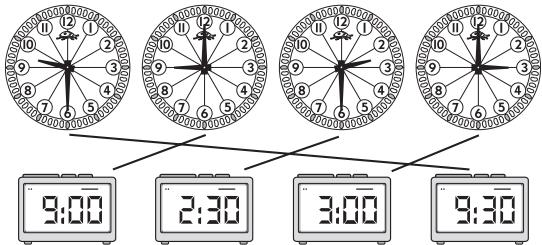
- 4 crabs and 1 sea star
- 3 crabs and 3 sea stars
- 2 crabs and 5 sea stars
- 1 crab and 7 sea stars

### Page 27, Coins from Sarah's Piggy Bank

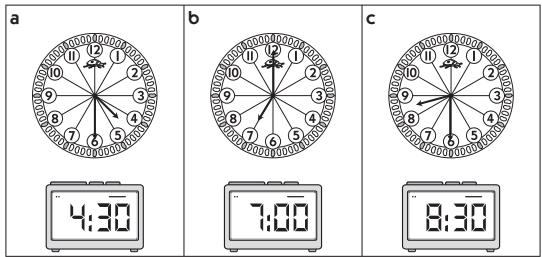
- 1 6 pennies  
2 5 nickels  
3 pennies  
4 dimes  
5 (challenge) 71¢  
6 (challenge) Students' responses will vary. Examples:  
  - Sarah has more pennies than nickels.
  - She has fewer dimes than nickels.
  - She has 15 coins in all.

### Page 28, Two Kinds of Clocks

1



2



### Page 29, Tuesday Afternoon Temperatures

- 1 Students' responses will vary. Examples:
- November 3 had the highest temperature.
  - It was 42° on November 10.
  - The lowest temperature was on November 24.
  - The temperature was higher on November 17 than November 24.

### Page 30, Cubes on a Line

- 1 a 5  
b 15  
c 35  
d 40  
e 25  
f 20  
g 30  
h 10  
2 5, 10, 20, 25, 30, 35

## Use after Unit Three, Session 21

### Page 31, Make Ten Addition

- 1 a  $5 + 5 = 10$   
b  $3 + 7 = 10$   
c  $7 + 3 = 10$   
d  $9 + 1 = 10$   
e  $4 + 6 = 10$   
f  $6 + 4 = 10$
- 2 4, 1, 3  
2, 6, 5  
1, 8, 6  
10, 10, 10  
4, 4, 1

### Page 32, Sums & Differences to Ten (Challenge)

- 1 7, 4, 8  
2, 10, 5  
1, 9, 3  
6, 0, 4  
5, 1, 4

**Use after Unit Three, Session 21 (cont.)****Page 32, Sums & Differences to Ten (cont.)**

- 2** 6, 8, 9  
7, 4, 5  
0, 2, 3  
1, 10, 7  
2, 9, 7  
5, 6, 0

**Page 33, Different Ways to Write Money Amounts**

- 1** 15¢ or \$0.15  
**2** 31¢ or \$0.31  
**3** 18¢ or \$0.18  
**4** 25¢ or \$0.25  
**5** 22¢ or \$0.22  
**6** 22¢ or \$0.22  
**7** 27¢ or \$0.27  
**8** 13¢ or \$0.13

**Page 34, Hungry Shark Subtraction**

- 1** 6, 1  
4, 7  
5, 3  
8, 2  
9, 0

**Page 35, Hungry Shark Subtraction: What's Missing?**

- 1** 7, 4  
6, 5  
8, 4  
6, 8  
6, 10

**Page 36, Adding & Subtracting Tens on the Hundreds Grid**

- 1** 73, 27, 46  
35, 84, 48  
69, 92, 57  
**2** 31, 75, 15  
87, 42, 21  
45, 8, 86

**Use after Unit Four, Session 10****Page 37, Doubles & Neighbors**

<b>example</b>  7 + 7 — 14	<b>1</b>  7 + 8 — 15	<b>2</b>  8 + 8 — 16	<b>3</b>  9 + 8 — 17
<b>4</b>  6 + 6 — 12	<b>5</b>  5 + 6 — 11	<b>6</b>  4 + 4 — 8	<b>7</b>  5 + 4 — 9

**Page 38, More Doubles & Neighbors Addition**

- 1** 6, 10, 4  
8, 2, 0  
12, 18, 16  
14, 20, 8  
**2** 7, 11, 5  
9, 3, 1  
13, 15, 17  
**3** (challenge) 50, 51, 52  
53, 54, 55  
80, 40, 100, 60, 120, 140, 200  
70, 50, 90, 110, 130, 500, 900

**Page 39, Bath Water & January Ocean Water Temperatures**

- 1** 40° F; students' work will vary.  
**2** 70° F; students' work will vary.

**Page 40, Penguin Subtraction**

- 1** 3, 7, 1, 6  
2, 4, 5, 0  
8, 9, 10, 4  
**2** 10, 4, 8  
10, 9, 5  
10, 10, 0  
7, 6, 3



## Use after Unit Four, Session 10 (cont.)

### Page 41, Fast Nines & Fast Tens Addition

**1 a** 14

**b** 13

**c** 16

**d** 15

**e** 18

**f** 17

**2** 10, 9

13, 12

11, 10

17, 16

12, 11

15, 14

19, 18

14, 13

16, 15

18, 17

7, 8

### Page 42, Comparing Penguin Heights

**1** Emperor 45"

King 36"

Gentoo 30"

Chinstrap 28"

Rockhopper 18"

Little Blue 16"

**2** 15"; Students' work will vary.

**3** (challenge) Students' responses will vary.

## Use after Unit Four, Session 17

### Page 43, Penguin Families

**1** 3, 6, 9, 12, 15

**2** The numbers 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45 and 48 will be filled in on the chart.

### Page 44, A Penguin Problem

**1** There are 6 penguins in the water.

There are 18 penguins altogether.

Students' work will vary.

### Page 45, More Penguin Problems

**1** There were 16 penguins in the water.

There were 24 penguins altogether.

Students' work will vary.

**2** There were 7 penguins in the water.

There were 21 penguins altogether.

Students' work will vary.

### Page 46, Skip Counting by 2's

**1 a** 14, 18, 22, 26, 30, 34, 38, 42, 46, 50

**b** 64, 68, 70, 74, 76, 80, 82

**2 a** 13, 17, 21, 25, 29, 33, 37, 41, 45, 49

**b** 75, 77, 81, 83, 87, 91, 93

**3** 36, 46, 28

13, 19, 45

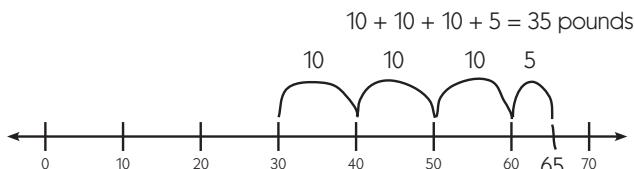
### Page 47, Penguin Challenge Problems

**1** (challenge) There were 27 penguins altogether.  
Students' work will vary.

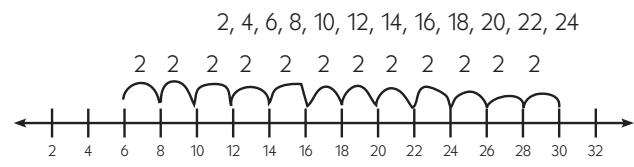
**2** (challenge) There were 18 Rockhopper Penguins.  
Students' work will vary.

### Page 48, Determining Differences on a Number Line (Challenge)

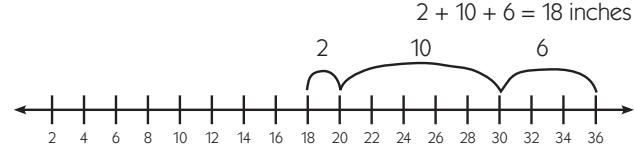
**1** Students' work will vary. Example:



**2** Students' work will vary. Example:



**3** Students' work will vary. Example:

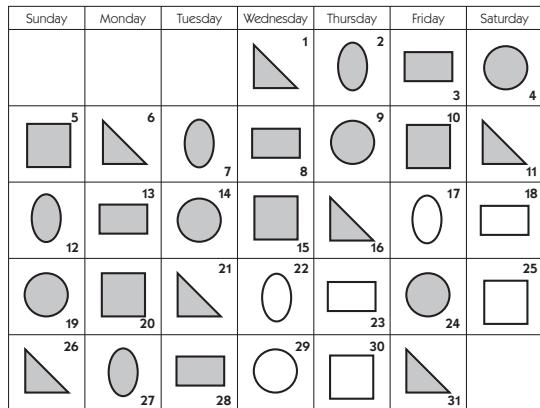




## Use after Unit Five, Session 10

### Page 49, What's Missing?

1



2 Oval

3 Circle

4 Triangle

### Page 50, Number Word Match

1 + $\underline{7} + \underline{7} = \underline{14}$	eleven
2 + $\underline{6} + \underline{6} = \underline{12}$	twelve
3 + $\underline{10} + \underline{8} = \underline{18}$	thirteen
4 + $\underline{6} + \underline{7} = \underline{13}$	fourteen
5 + $\underline{10} + \underline{9} = \underline{19}$	fifteen
6 + $\underline{8} + \underline{8} = \underline{16}$	sixteen

seventeen  
eighteen  
nineteen  
twenty

### Page 51, Adding & Subtracting

1 10, 9, 10, 5, 10, 8

10, 7, 10, 9, 10, 7

9, 10, 10

2 7, 7, 0, 9, 6, 5

8, 4, 2, 3, 4, 0

6, 4, 1

- 3 a F
- b T
- c F
- d T
- e F
- f T
- g F
- h F
- i T
- j F

### Page 52, How Long Is It? Measuring with the Inchworm

1 a Students' responses will vary.

b Students' responses will vary.

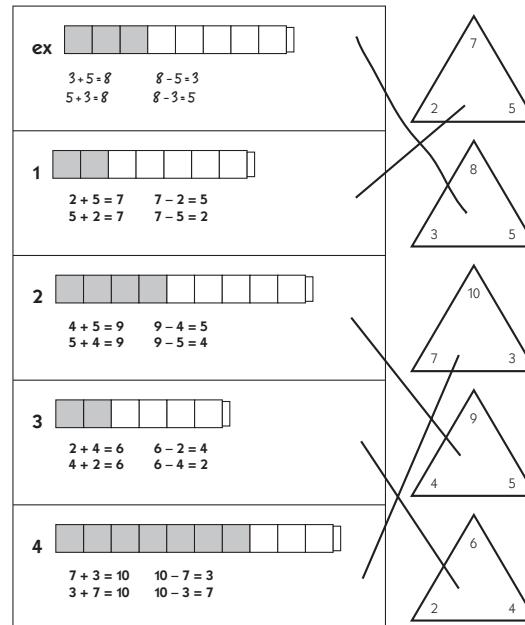
c Students' responses will vary.

2 a 3 inches

b 4 inches

c 2 inches

### Page 53, Triangle Fact Families



### Page 54, Doubles & Halves: Addition & Subtraction

1 8, 4, 20

10, 12, 2

6, 16, 22

14, 18, 24

**Use after Unit Five, Session 10 (cont.)****Page 54, Doubles & Halves: Addition & Subtraction (cont.)**

- 2** 4, 6, 10  
5, 9, 1  
7, 3, 1  
2, 8, 11  
**3** (challenge) 140, 180, 120, 400, 800, 600, 2000  
60, 90, 70, 300, 200, 400, 1000

**Use after Unit Five, Session 20****Page 55, Which Shape Does NOT Belong?**

- 1** Students' responses will vary. Example:  
*I crossed out the sphere because it's the only one that's round.*  
**2** Students' responses will vary. Example:  
*I crossed out the cube because it doesn't have any triangles in it.*

**Page 56, Ways to Make Nine**

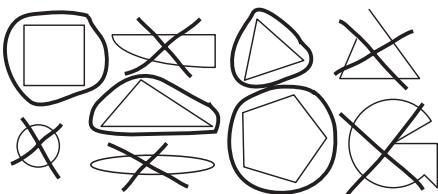
- 1** Students' responses will vary. Examples:  
**a**  $9 - 5 = 4$   
**b**  $3 + 6 = 9$  or  $9 - 3 = 6$   
**c**  $7 + 2 = 9$  or  $9 - 7 = 2$   
**d**  $6 + 3 = 9$  or  $9 - 6 = 3$   
**e**  $8 + 1 = 9$  or  $9 - 8 = 1$   
**f**  $4 + 5 = 9$  or  $9 - 4 = 5$   
**2** 9, 9, 9, 9, 9, 9  
4, 9, 6, 2, 7, 5

**Page 57, Capture the Coins & Count Your Coins**

- 1** 5¢, 10¢, 1¢  
5¢, 5¢, 10¢  
1¢, 10¢, 10¢  
**2** I won 57¢. Students' work will vary.

**Page 58, Polygons & Nonpolygons**

- 1** **a & b**

**Page 59, Which Shape Is it? Riddles, page 1**

- 1** **a** Picture of a large trapezoid  
**b** Polygon  
**2** **a** Picture of a small circle  
**b** Nonpolygon

**Page 60, Which Shape Is It? Riddles, page 2**

- 1** **a** Rhombus  
**b** Polygon  
**2** **a** Scalene Triangle  
**b** Polygon  
**3** **a** Circle  
**b** Nonpolygon  
**4** **a** Hexagon  
**b** Polygon

**Use after Unit Six, Session 7****Page 61, A Farmer's Morning**

- 1** 6:00  
**2** 7:30  
**3** 8:00  
**4** 9:00  
**5** 10:30  
**6** 11:30

**Page 62, A Farmer's Afternoon (Challenge)**

- 1** One and a half hours; students' work will vary.  
**2** One hour and 45 minutes; students' work will vary.

**Page 63, Winter Farming: Buying Feed for the Animals**

- 1** 4, 40, 80  
6, 60, 120  
8, 80, 160  
10, 100, 200  
12, 120, 240  
**2** **a** \$80; students' work will vary.  
**b** (challenge) \$320; students' work will vary.

**Page 64, Fact Practice**

- 1** 10, 9, 10, 5, 10, 8, 4  
10, 7, 10, 9, 10, 7, 10  
6, 10, 10



## Use after Unit Six, Session 7 (cont.)

### Page 64, Fact Practice (cont.)

- 2 1, 10, 4, 9, 6, 5, 1  
8, 4, 1, 1, 3, 0, 1  
2, 2, 1
- 3 Students' responses will vary.

### Page 65, North, South, East & West on the Farm

- 1 West
- 2 South
- 3 South
- 4 East

### Page 66, A Visit to Strawberry Farm

- 1 Berry Field
- 2 Apple Orchard
- 3 North
- 4 West

## Use after Unit Six, Session 12

### Page 67, Little Inchworm's Garden

- 1 Students' responses will vary.
- 2 a 2", North  
b 3", East  
c 4", East  
d 4", (2" South and 2" East) OR 12", (6" East,  
1" South, 4" West, and 1" South)  
e (challenge) 6", (1" North, 4" East, and 1" North)  
OR 10", (2" West, 2" North, and 6" East)

### Page 68, Half Dollars

- 1 50 pennies
- 2 10 nickels; students' work will vary.
- 3 5 dimes; students' work will vary.
- 4 2 quarters; students' work will vary.
- 5 a 1 quarter, 2 dimes  
and 1 nickel OR 1 quarter, 1 dime, and 3 nickels  
b 4 dimes and 2 nickels OR 3 dimes and 4 nickels  
c 3 dimes, 3 nickels and 5 pennies OR 4 dimes, 1  
nickel and 5 pennies OR 4 dimes and 2 nickels

### Page 69, Horses, Land & Fences

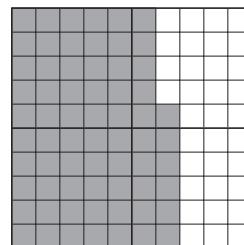
- 1 \$168; students' work will vary.
- 2 \$156; students' work will vary.

### Page 70, Selling Your Farm Products

- 1 24 eggs; students' work will vary.
- 2 48 eggs; students' work will vary.
- 3 25¢, 50¢, 75¢, \$1.00

### Page 71, Computation on a Number Chart

- 1 The way in which students color in the grid may vary, but they should color in a total of 66 squares.  
Example:



- 2 \$66

### Page 72, Daily Milk Production

- 1 25 gallons  
50 gallons  
75 gallons  
100 gallons
- 2 a 150 gallons; students' work will vary.  
b 200 gallons; students' work will vary.







NAME \_\_\_\_\_

DATE \_\_\_\_\_

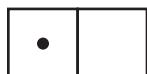
# Numerals 0–12

Trace the words and numerals.



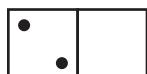
zero zero

0 0 0 0



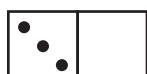
one one

1 1 1 1



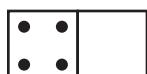
two two

2 2 2 2



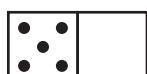
three three

3 3 3 3



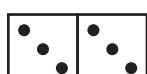
four four

4 4 4 4



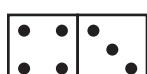
five five

5 5 5 5



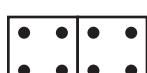
six six

6 6 6 6



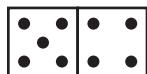
seven seven

7 7 7 7



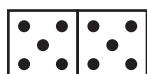
eight eight

8 8 8 8



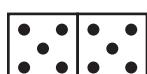
nine nine

9 9 9 9



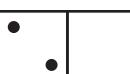
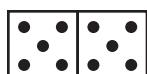
ten ten

10 10 10



eleven eleven

11 11 11



twelve twelve

12 12 12

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# How Many Bugs?

1 Trace the words and numerals. Then draw a line to the matching set.

one      1 1 1 1

two      2 2 2 2

three      3 3 3 3

four      4 4 4 4

five      5 5 5 5

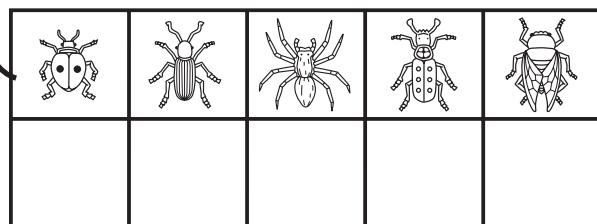
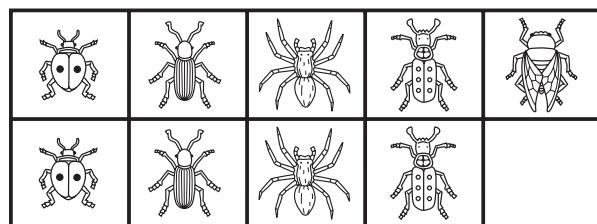
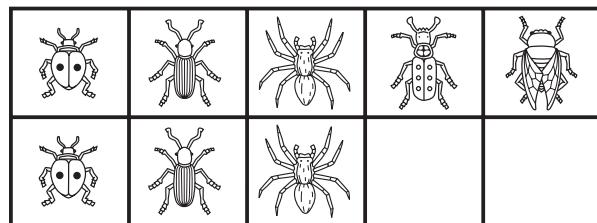
six      6 6 6 6

seven      7 7 7 7

eight      8 8 8 8

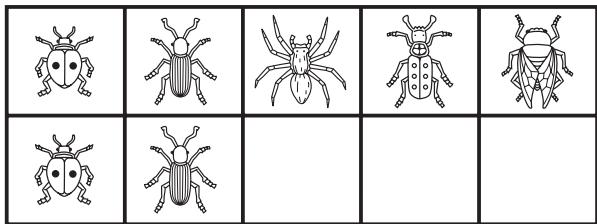
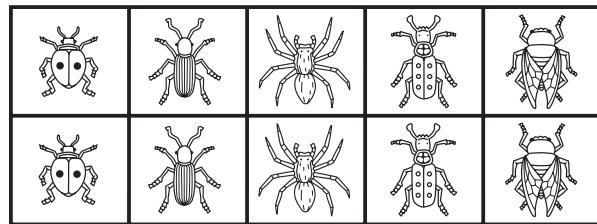
nine      9 9 9 9

ten      10 10 10 10

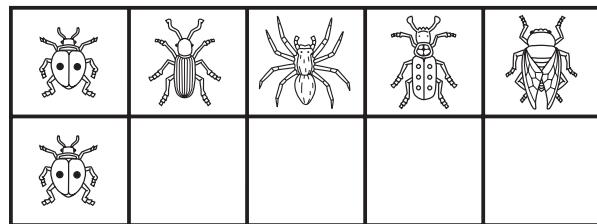


2 Follow the instructions below.

- a Color 4 boxes red for ladybugs.
  - b Color 3 boxes black for spiders.
  - c Color the rest of the boxes orange for butterflies.
- |  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |



- d How many boxes did you color orange?



NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Count the Spots

- 1 Trace each numeral.

11

12

13

14

15

16

17

18

19

20

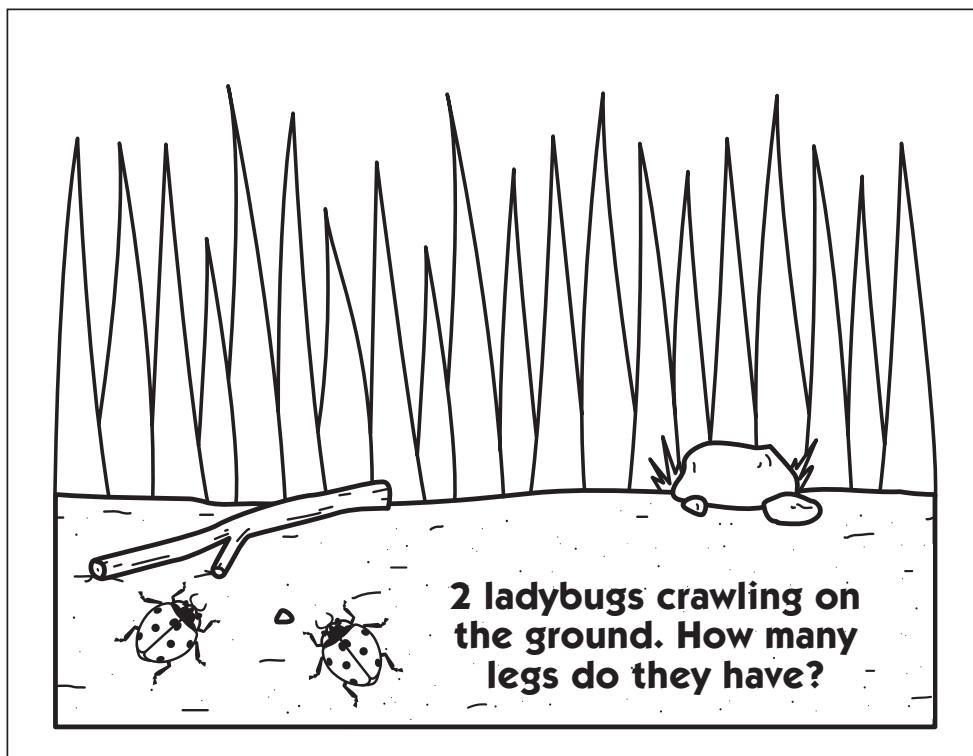
- 2 How many spots?

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
  $14$			
<b>e</b>	<b>f</b>	<b>g</b>	<b>h</b>

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Ladybug Problem



- 1 Use pictures, numbers and words to show how you solve the problem:

There are \_\_\_\_\_ legs.

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Ladybug & Spider Legs



### CHALLENGE

Use pictures, numbers and words to show how you solve these problems.

- 1** There were two ladybugs  and one spider  in the garden.  
How many legs?

There are \_\_\_\_\_ legs.

- 2** 18 legs, how many ladybugs? 

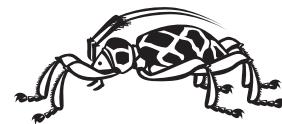
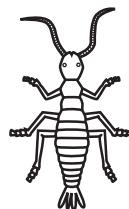
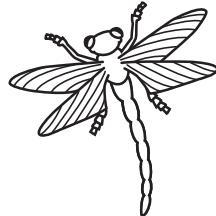
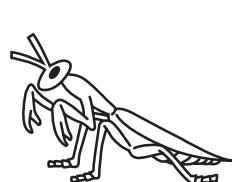
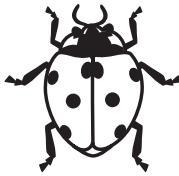
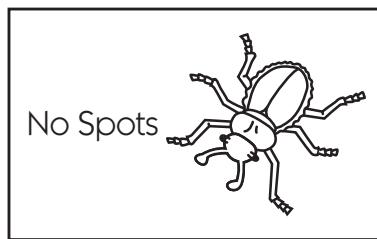
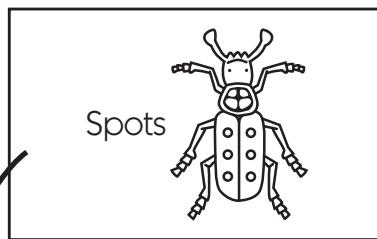
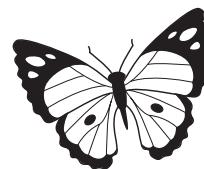
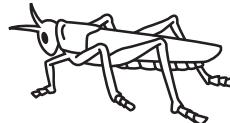
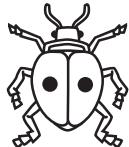
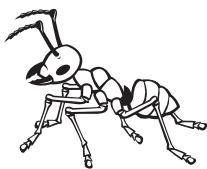
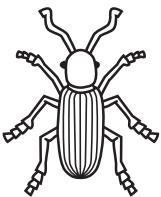
There are \_\_\_\_\_ ladybugs.

NAME \_\_\_\_\_

DATE \_\_\_\_\_

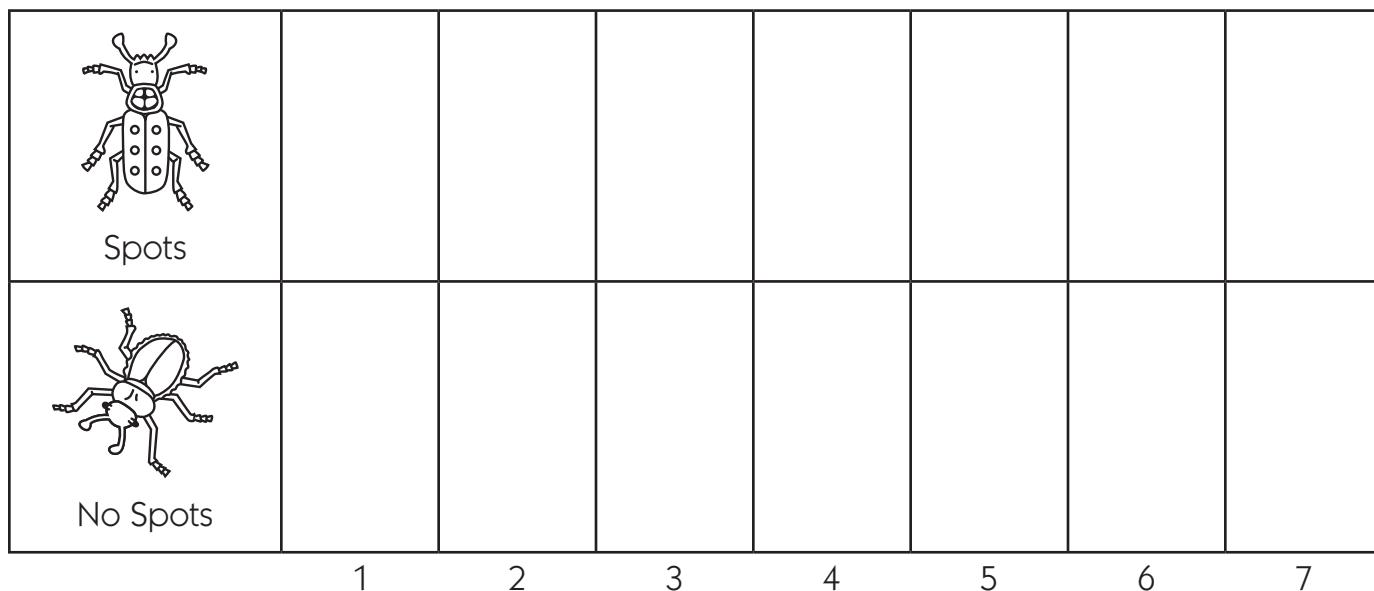
## Sort & Graph the Bugs

- 1** Draw a black line from each bug with spots to the Spots card. Draw a red line from each bug without spots to the No Spots cards.



- 2** Count how many spots and no spots bugs you have. Color a box on the graph below for each of those bugs.

Bugs with Spots and No Spots



NAME \_\_\_\_\_

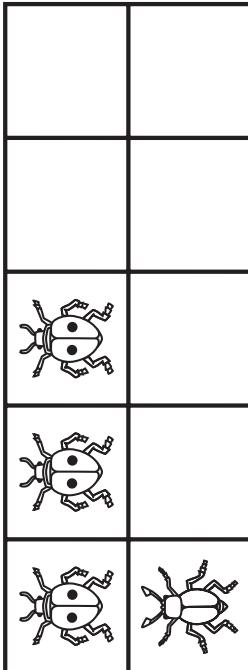
DATE \_\_\_\_\_

## Bugs Addition “Counting On” +1 & +2

Solve the problems and write the answers:

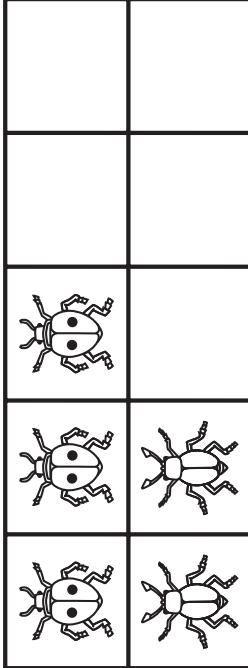
**1**

$$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$$



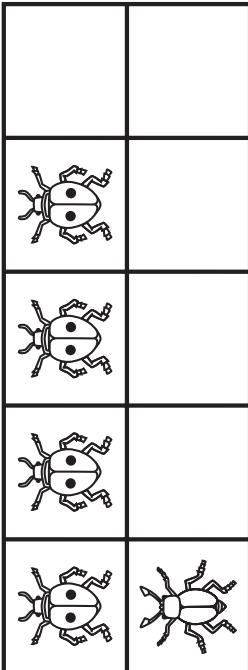
**2**

$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$



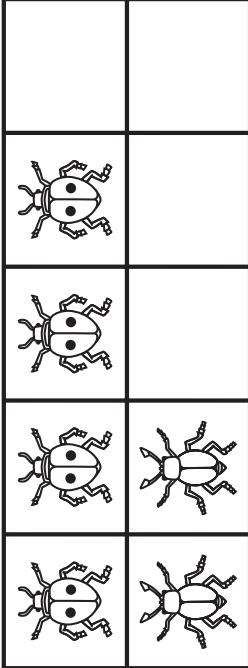
**3**

$$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$$



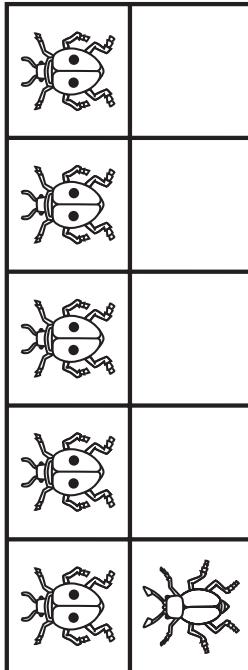
**4**

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$



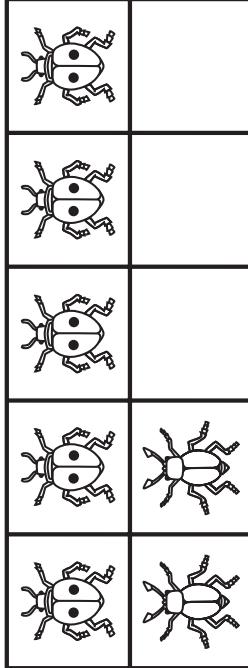
**5**

$$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$$



**6**

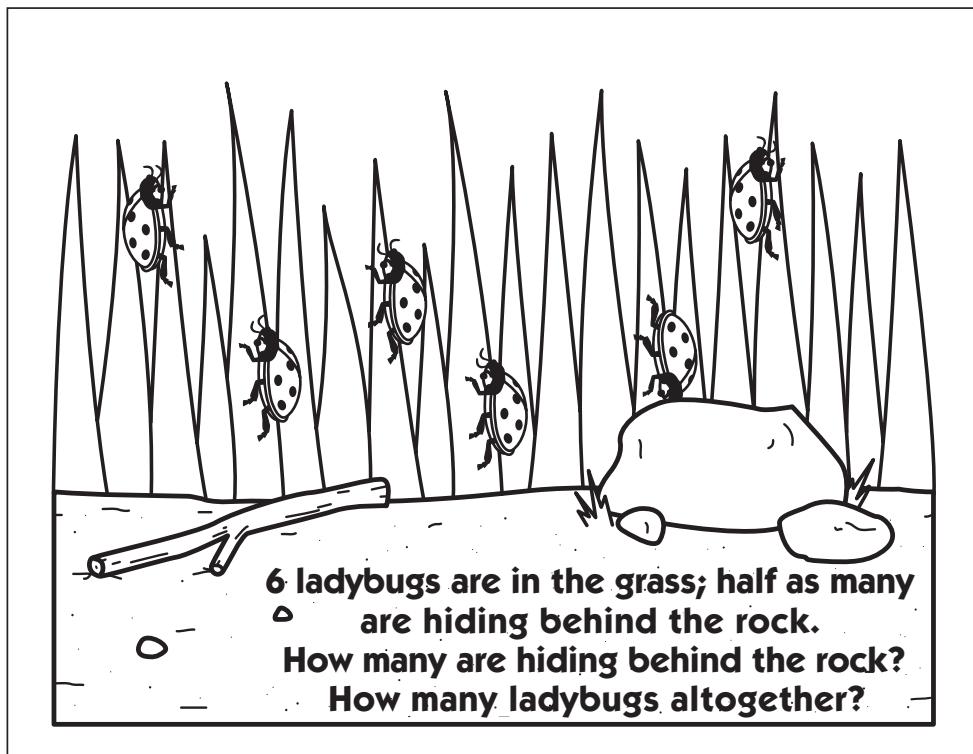
$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$$



NAME \_\_\_\_\_

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## Ladybugs in the Grass



6 ladybugs are in the grass; half as many  
are hiding behind the rock.  
How many are hiding behind the rock?  
How many ladybugs altogether?

- 1 Use pictures, numbers and words to show how you solve the problem:

There are \_\_\_\_\_ ladybugs hiding behind the rock.

There are \_\_\_\_\_ ladybugs altogether.

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## More Bug Problems



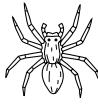
### CHALLENGE

Use pictures, numbers and words to show how you solve these problems.

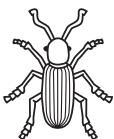
**1** 7 ladybugs



7 spiders



2 beetles



How many bugs in all?

There are \_\_\_\_\_ bugs in all.

**2** 7 ladybugs



8 beetles



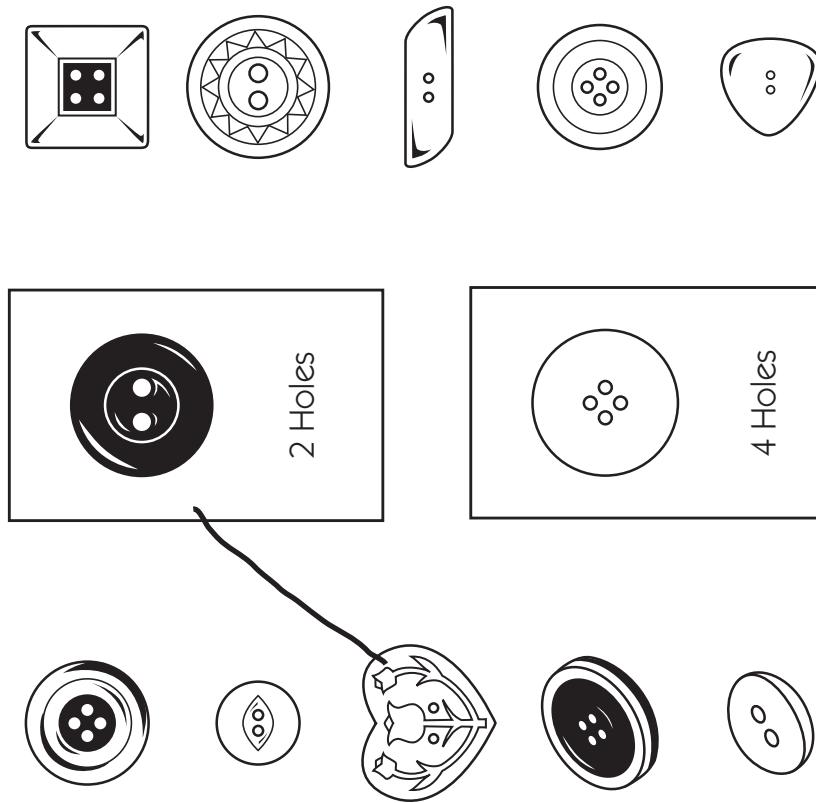
How many antennae?

There are \_\_\_\_\_ antennae.

DATE \_\_\_\_\_

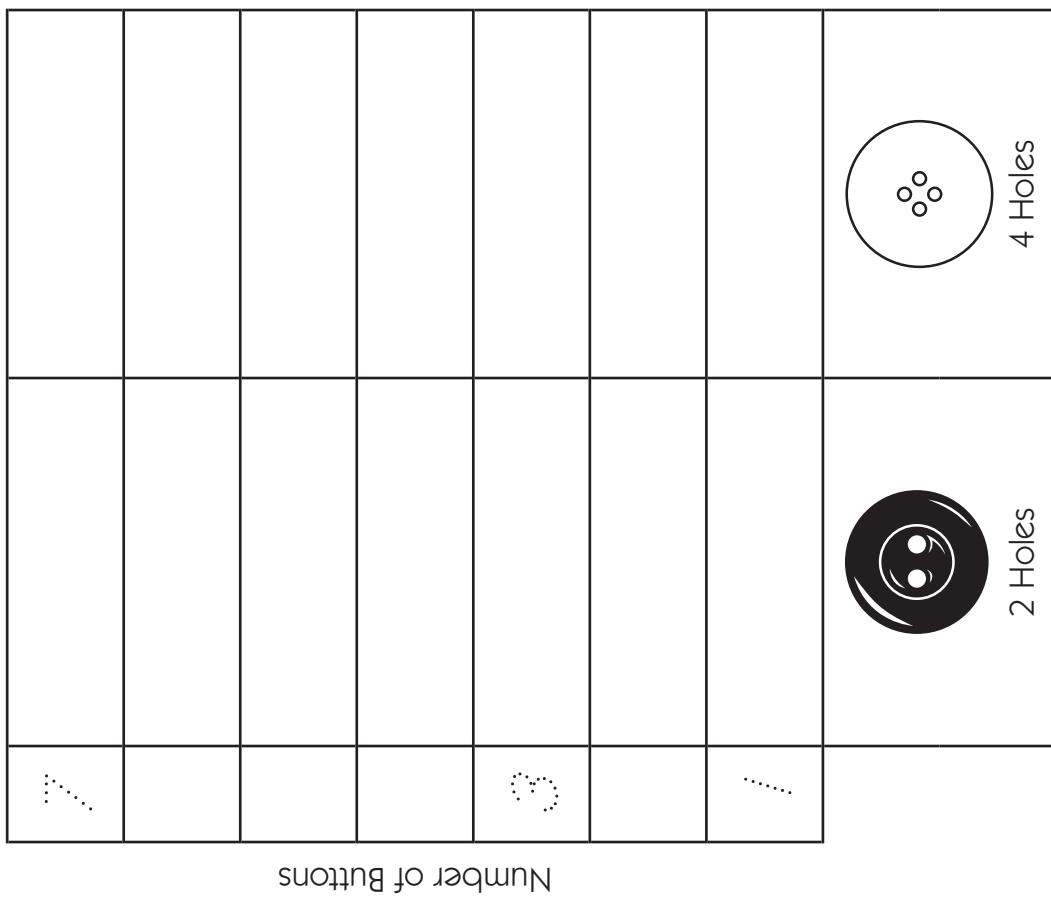
## Sort & Graph the Buttons

- 1** Draw a black line from each button with 2 holes to the 2 holes card. Draw a red line from each button with 4 holes to the 4 holes card.



- 2** Color in the graph to show the number of buttons.

Button Hole Graph

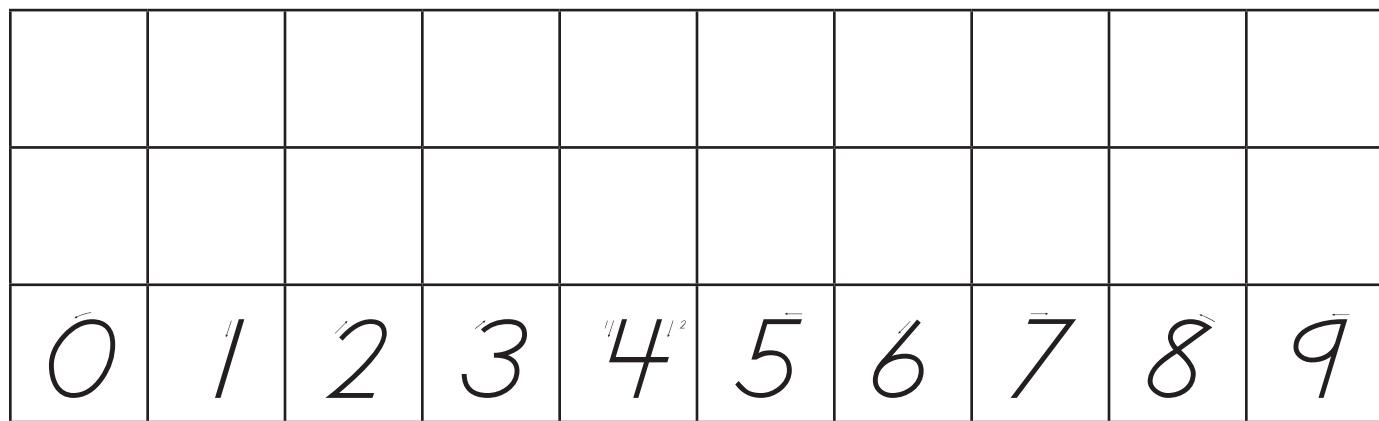


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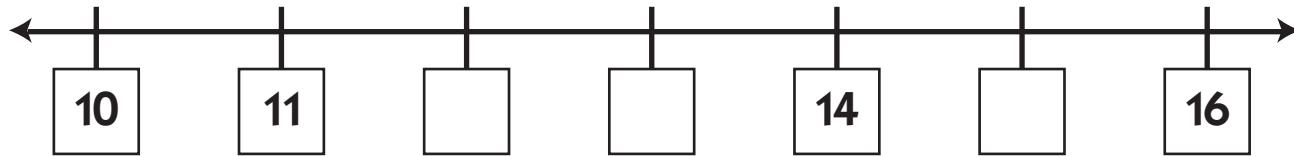
# Number Lines & Counting Patterns

- 1** Practice writing each numeral twice.

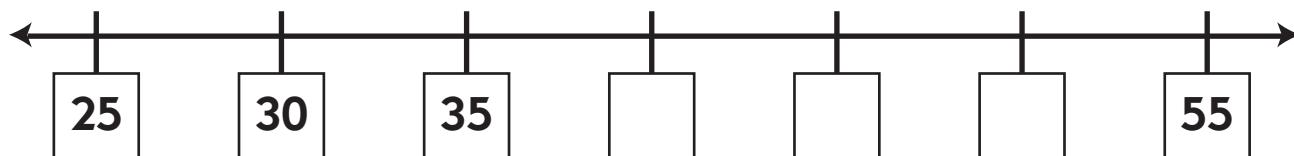


- 2** Fill in the missing numbers on each number line below.

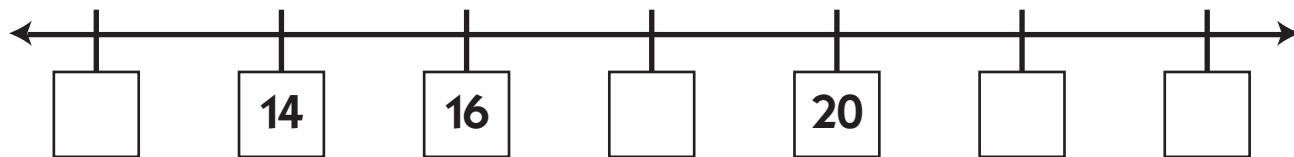
- a** Count by ones.



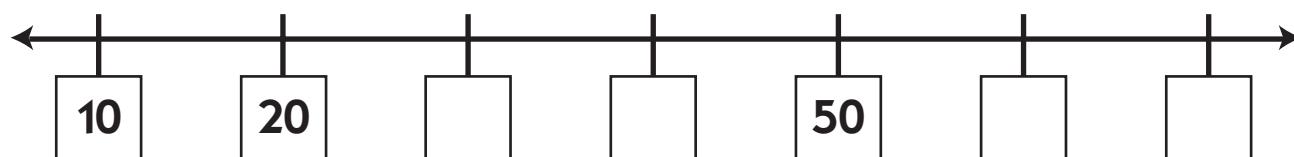
- b** Count by fives.



- c** Count by twos.



- d** Count by tens.



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# Fact Families 6's

- 1** Trace the word and write it again 4 times.

6 six six six

- 2** Fill in the answers for each of the problems.

**a** Add.

$3 + 3 = \underline{\hspace{1cm}}$

$2 + 4 = \underline{\hspace{1cm}}$

$1 + 5 = \underline{\hspace{1cm}}$

$0 + 6 = \underline{\hspace{1cm}}$

$4 + 2 = \underline{\hspace{1cm}}$

$5 + 1 = \underline{\hspace{1cm}}$

$3 + \underline{\hspace{1cm}} = 6$

$5 + \underline{\hspace{1cm}} = 6$

$4 + \underline{\hspace{1cm}} = 6$

**b** Subtract.

$6 - 3 = \underline{\hspace{1cm}}$

$6 - 4 = \underline{\hspace{1cm}}$

$6 - 0 = \underline{\hspace{1cm}}$

$6 - 2 = \underline{\hspace{1cm}}$

$6 - 5 = \underline{\hspace{1cm}}$

$6 - 1 = \underline{\hspace{1cm}}$

$6 - \underline{\hspace{1cm}} = 3$

$6 - \underline{\hspace{1cm}} = 1$

$6 - \underline{\hspace{1cm}} = 4$

**CHALLENGE**

- 3** Fill in the missing numbers in the equations below.

$30 + 30 = \underline{\hspace{1cm}}$

$20 + 40 = \underline{\hspace{1cm}}$

$50 + \underline{\hspace{1cm}} = 60$

$10 + \underline{\hspace{1cm}} = 60$

$30 + \underline{\hspace{1cm}} = 60$

$40 + \underline{\hspace{1cm}} = 60$

$20 + \underline{\hspace{1cm}} + 20 = 60$

$40 + \underline{\hspace{1cm}} + 10 = 60$

$40 + 0 + \underline{\hspace{1cm}} = 60$

$30 + 10 + \underline{\hspace{1cm}} = 60$

$10 + 20 + \underline{\hspace{1cm}} = 60$

$50 + 10 + \underline{\hspace{1cm}} = 60$

NAME \_\_\_\_\_

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# Numerals, Words & Bugs

**1** Trace the numerals and the number words.

0 zero

4 four

8 eight

1 one

5 five

9 nine

2 two

6 six

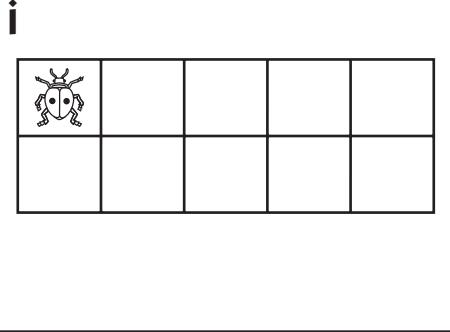
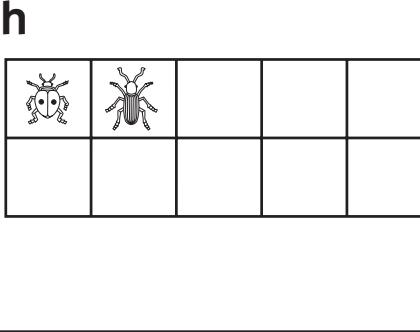
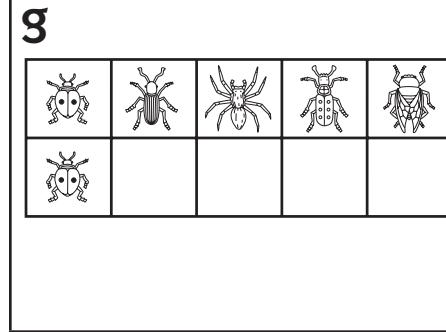
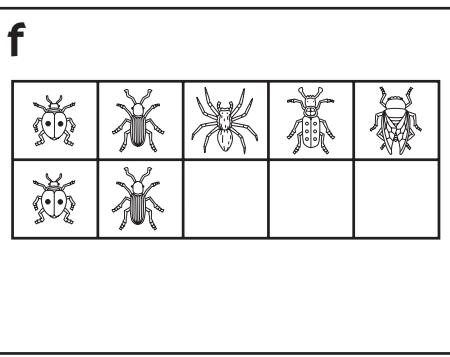
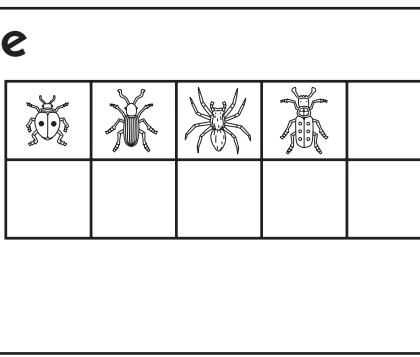
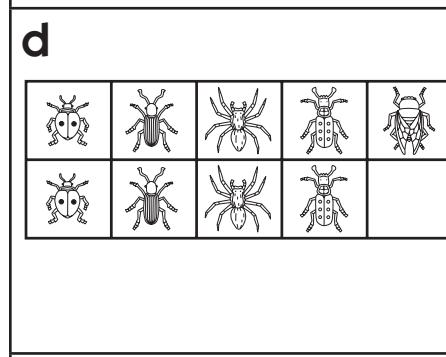
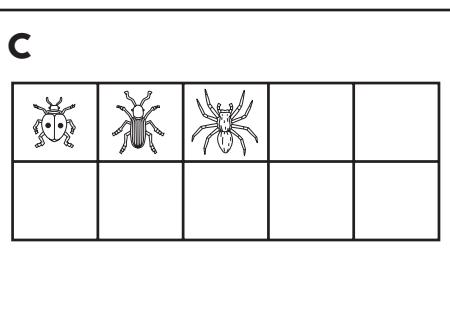
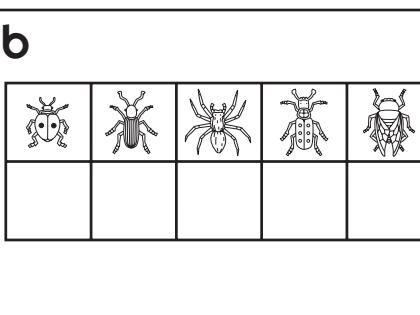
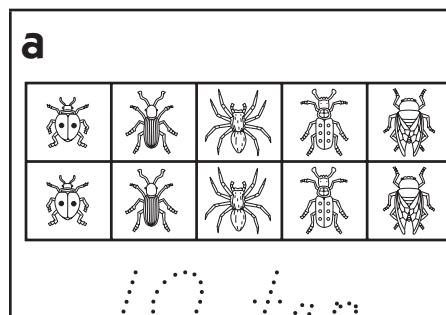
10 ten

3 three

7 seven

11 eleven

**2** How many bugs in each frame? Write the numeral and the number word.



NAME \_\_\_\_\_

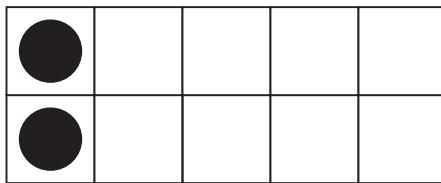
DATE \_\_\_\_\_

# Adding Doubles & Neighbors

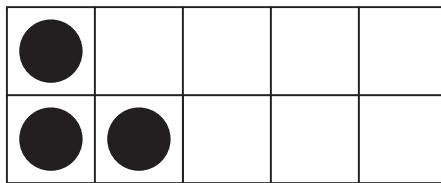
**1** Solve the problems below.

**a**

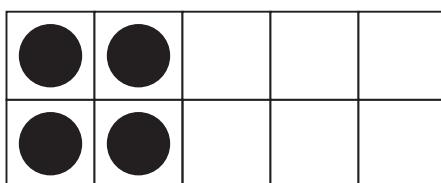
$$\begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$$

**b**

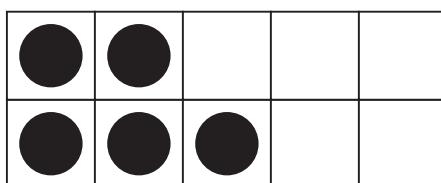
$$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$$

**c**

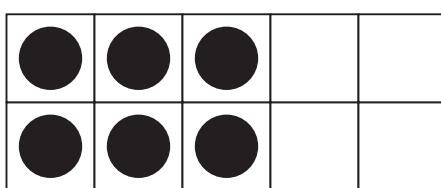
$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

**d**

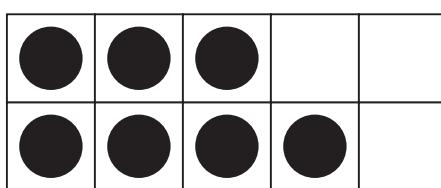
$$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$$

**e**

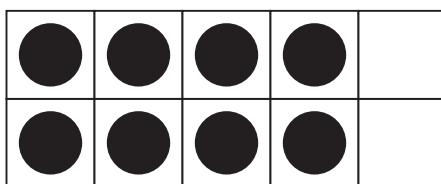
$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$

**f**

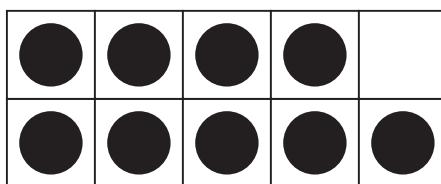
$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

**g**

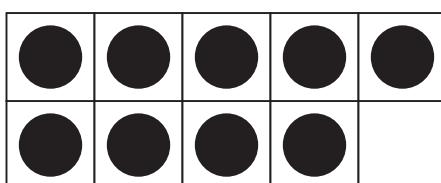
$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$

**h**

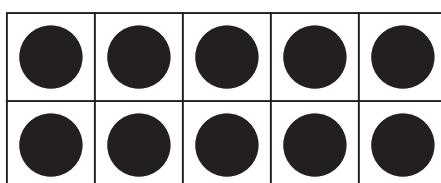
$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

**i**

$$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$$

**j**

$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$$



**2** Fill in the blank.

$3 + 3 = \underline{\hspace{2cm}}$

$3 + 4 = \underline{\hspace{2cm}}$

$4 + 4 = \underline{\hspace{2cm}}$

$5 + 4 = \underline{\hspace{2cm}}$

$5 + 5 = \underline{\hspace{2cm}}$

$2 + 3 = \underline{\hspace{2cm}}$

$4 + 3 = \underline{\hspace{2cm}}$

$3 + 2 = \underline{\hspace{2cm}}$

$5 + 6 = \underline{\hspace{2cm}}$

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# Adding Zero, One & Two


**CHALLENGE**

- 1** Solve the addition problems.

$4 + \underline{\quad} = 6$

$4 + \underline{\quad} = 5$

$3 + \underline{\quad} = 5$

$1 + \underline{\quad} = 3$

$5 + \underline{\quad} = 6$

$3 + \underline{\quad} = 4$

$4 + \underline{\quad} = 6$

$2 + \underline{\quad} = 3$

$2 + \underline{\quad} = 4$

$\underline{\quad} + 1 = 6$

$\underline{\quad} + 2 = 10$

$\underline{\quad} + 0 = 7$

$\underline{\quad} + 2 = 5$

$\underline{\quad} + 1 = 8$

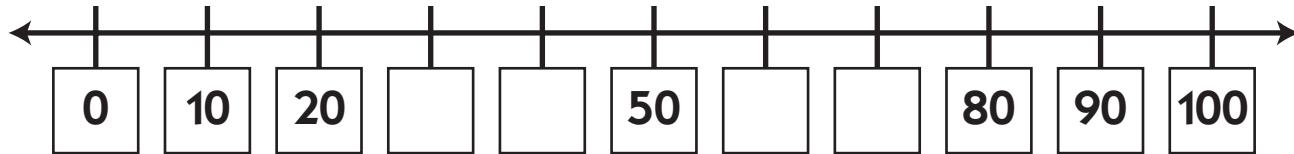
$\underline{\quad} + 0 = 6$

$\underline{\quad} + 0 = 9$

$\underline{\quad} + 2 = 7$

$\underline{\quad} + 1 = 9$

- 2** Count by 10's to fill in the missing numbers.



- 3** Solve the addition problems.

$10$	$20$	$30$	$30$	$40$	$60$	$50$
$+ 20$	$+ 20$	$+ 10$	$+ 0$	$+ 10$	$+ 20$	$+ 10$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

$40$	$70$	$10$	$60$	$50$	$100$	$70$
$+ 20$	$+ 20$	$+ 10$	$+ 0$	$+ 20$	$+ 0$	$+ 10$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

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# Counting Coins

Use the information below to help solve the problems.



dime  
10 cents  
10¢



nickel  
5 cents  
5¢



penny  
1 cent  
1¢

- 1** Write the value of the coins in each row.

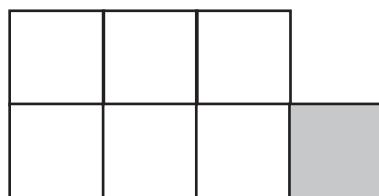
a		40¢
b		15¢
c		5¢
d		15¢
e		21¢
f		6¢

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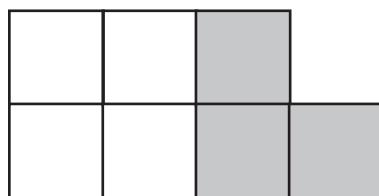
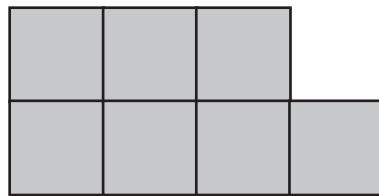
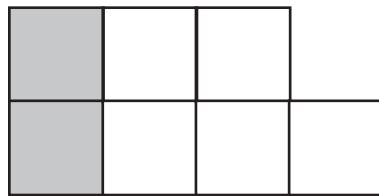
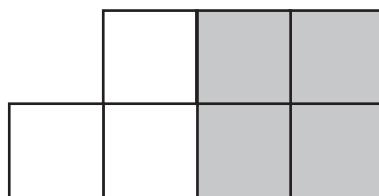
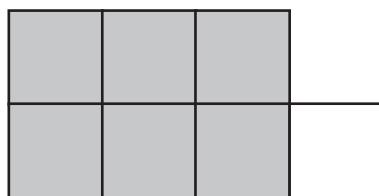
DATE \_\_\_\_\_

# Odds & Evens Make Seven

- 1** Write a number sentence to go with each picture.

**a**

$$\begin{array}{cccc} \checkmark & + & / & = \end{array}$$

**b****c****d****e****f**

- 2** Fill in the blanks.

$$7 + \underline{\quad} = 7$$

$$4 + \underline{\quad} = 7$$

$$5 + \underline{\quad} = 7$$

$$1 + \underline{\quad} = 7$$

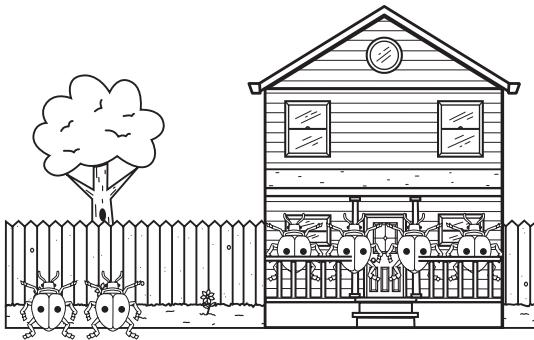
$$2 + \underline{\quad} = 7$$

$$6 + \underline{\quad} = 7$$

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# Bugs in the House Subtraction

**example a**

$$6 - \underline{\quad 4 \quad} = 2$$

**example b**

$$\underline{\quad 6 \quad} - 3 = 3$$

**1** Fill in the blank.

$$6 - \underline{\quad} = 1$$

$$6 - \underline{\quad} = 2$$

$$6 - \underline{\quad} = 4$$

$$6 - \underline{\quad} = 0$$

$$6 - \underline{\quad} = 6$$

$$6 - \underline{\quad} = 5$$

$$\underline{\quad} - 4 = 2$$

$$\underline{\quad} - 3 = 3$$

$$6 - 1 = \underline{\quad}$$

$$6 - 4 = \underline{\quad}$$

$$6 - 2 = \underline{\quad}$$

$$6 - 5 = \underline{\quad}$$

**2** Solve the subtraction problems.

5 - 2 —	4 - 2 —	1 - 1 —	3 - 0 —	5 - 1 —	2 - 2 —	3 - 2 —
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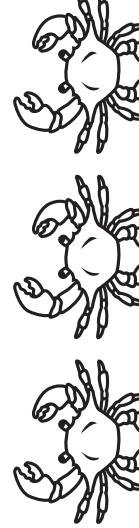
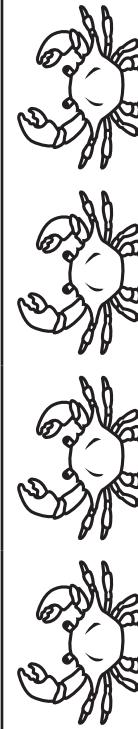
5 - 3 —	4 - 1 —	3 - 3 —	3 - 1 —	5 - 0 —	4 - 0 —	2 - 1 —
---------------	---------------	---------------	---------------	---------------	---------------	---------------

1 - 0 —	4 - 3 —	5 - 4 —	2 - 0 —	5 - 5 —	4 - 4 —	0 - 0 —
---------------	---------------	---------------	---------------	---------------	---------------	---------------

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## Crabs Have Ten Legs & Two Eyes

Write the correct number word for each row. Write the number of legs and eyes in the boxes.

<b>1</b>		10 legs	2 eyes
<b>2</b>			
<b>3</b>			
<b>4</b>			
<b>5</b>			
<b>6</b>			
		1 one	2 two
		3 three	4 four
		5 five	6 six

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# Looking at Sea Stars Counting by Fives

**1** Fill in the chart below

one		5 arms
two		arms
three		arms
four		arms
five		arms

**2** Use pictures, numbers, and words to show how you solve the problems



How many sea stars?



How many arms?

\_\_\_\_\_ sea stars

\_\_\_\_\_ arms

**3** Continue the counting by 5's pattern.

Tens	Ones
0	0
0	5
1	0
1	5

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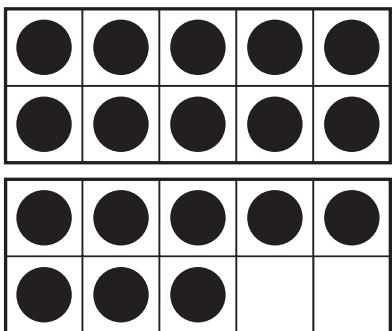
DATE \_\_\_\_\_

# Fast Tens Addition

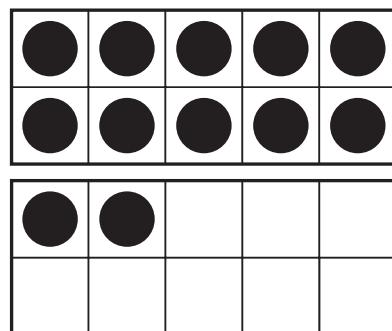
Fill in each answer below.

**1**

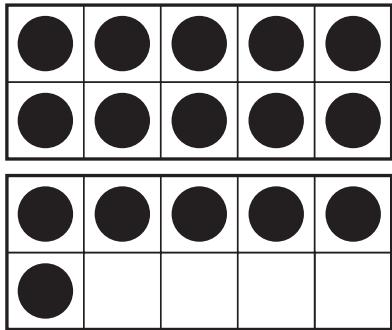
$$\begin{array}{r} 10 \\ + 8 \\ \hline \end{array}$$

**2**

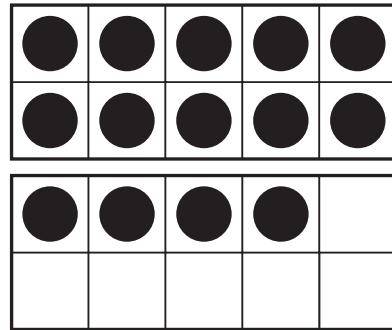
$$\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$$

**3**

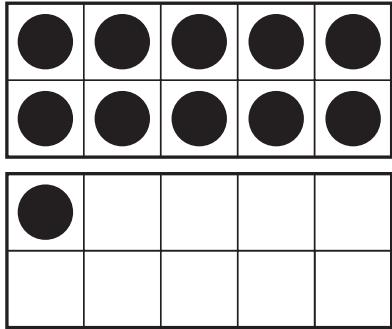
$$\begin{array}{r} 10 \\ + 6 \\ \hline \end{array}$$

**4**

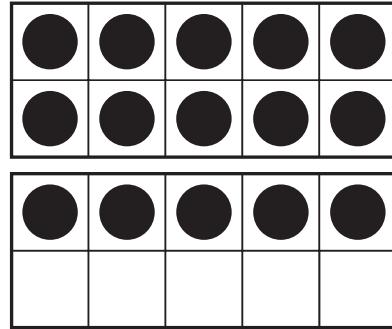
$$\begin{array}{r} 10 \\ + 4 \\ \hline \end{array}$$

**5**

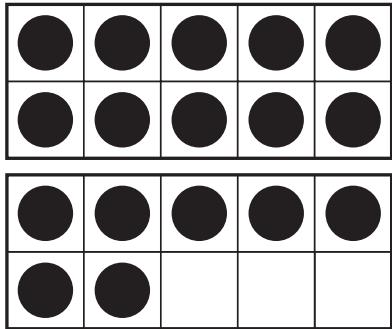
$$\begin{array}{r} 10 \\ + 1 \\ \hline \end{array}$$

**6**

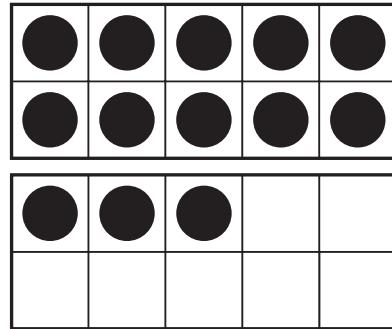
$$\begin{array}{r} 10 \\ + 5 \\ \hline \end{array}$$

**7**

$$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$$

**8**

$$\begin{array}{r} 10 \\ + 3 \\ \hline \end{array}$$



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# Fast Tens

**1** Write the answer to each problem:

$10 + 2 = \underline{\hspace{2cm}}$

$10 + 5 = \underline{\hspace{2cm}}$

$10 + 9 = \underline{\hspace{2cm}}$

$10 + 0 = \underline{\hspace{2cm}}$

$10 + 7 = \underline{\hspace{2cm}}$

$10 + 4 = \underline{\hspace{2cm}}$

$10 + 8 = \underline{\hspace{2cm}}$

$10 + 1 = \underline{\hspace{2cm}}$

$10 + 3 = \underline{\hspace{2cm}}$

$10 + 6 = \underline{\hspace{2cm}}$

$3 + 10 = \underline{\hspace{2cm}}$

$7 + 10 = \underline{\hspace{2cm}}$

$8 + 10 = \underline{\hspace{2cm}}$

$5 + 10 = \underline{\hspace{2cm}}$

$0 + 10 = \underline{\hspace{2cm}}$

$1 + 10 = \underline{\hspace{2cm}}$

$9 + 10 = \underline{\hspace{2cm}}$

$6 + 10 = \underline{\hspace{2cm}}$

$4 + 10 = \underline{\hspace{2cm}}$

$2 + 10 = \underline{\hspace{2cm}}$

$10 + 10 = \underline{\hspace{2cm}}$

**2** Fill in the missing numbers.**a** Count by 1's.

10, 11,       , 13,       ,       , 16, 17,       ,       , 20

**b** Count by 10's.

10, 20,       , 40,       ,       ,       , 80,       , 100

**c** Count by 5's.

5, 10, 15,       ,       , 30,       , 40       ,       , 55,       ,       , 70

**d** Count backwards by 1's.

14, 13,       , 11,       , 9, 8,       ,       , 5,       ,       ,       , 1

**CHALLENGE****3** Fill in the missing numbers.**a** Count by        's.

**b** 3, 5,       , 9, 11,       ,       , 17,       ,       , 23,       , 27       , 31

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## More Counting Coins

- 1** Circle the counting by tens numbers in the grid below. Use this grid to help you figure out the value of each group of coins below:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50



Dime



Penny

10 cents

1 cent

10¢

1¢

- 2** Write the total amount of money for each set:

a		¢
b		¢
c		¢
d		¢
e		¢

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# Numerals to 20

- 1** Trace the numerals and number words. Find the sum in each box. Draw lines to show the matches. You won't find a match for every number word.

11 11 11 eleven

$$\begin{array}{r} 10 \\ + 10 \\ \hline 20 \end{array}$$

12 12 12 twelve

$$\begin{array}{r} 10 \\ + 8 \\ \hline \end{array}$$

13 13 13 thirteen

$$\begin{array}{r} 10 \\ + 3 \\ \hline \end{array}$$

14 14 14 fourteen

$$\begin{array}{r} 10 \\ + 1 \\ \hline \end{array}$$

15 15 15 fifteen

$$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$$

16 16 16 sixteen

$$\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$$

17 17 17 seventeen

18 18 18 eighteen

19 19 19 nineteen

20 20 20 twenty

- 2** Add.

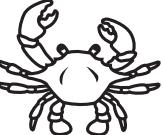
$$\begin{array}{r} 10 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 10 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ + 10 \\ \hline \end{array}$$

NAME \_\_\_\_\_

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## Crab & Sea Star Problems

Use pictures, numbers, and words to show how you solve the problems.

- 1 There were 7 crabs  and 5 sea stars .

How many arms and legs altogether?

There are \_\_\_\_\_ arms and legs altogether.

- 2  There were 55 arms. How many sea stars?

There are \_\_\_\_\_ sea stars.

NAME \_\_\_\_\_

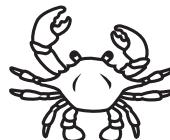
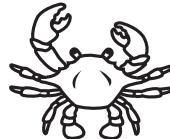
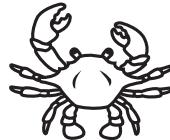
DATE \_\_\_\_\_

## Crab & Sea Star Challenge Problem



### CHALLENGE

- 1 45 arms and legs. Some are crabs and some are sea stars. How many of each could there be? Find 4 different answers. Show your work.



NAME \_\_\_\_\_

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## Coins from Sarah's Piggy Bank

Sarah made a graph about the coins in her piggy bank.

- 1** How many pennies does Sarah have?

- 2** How many nickels does Sarah have?

- 3** Which coin does Sarah have the most of?

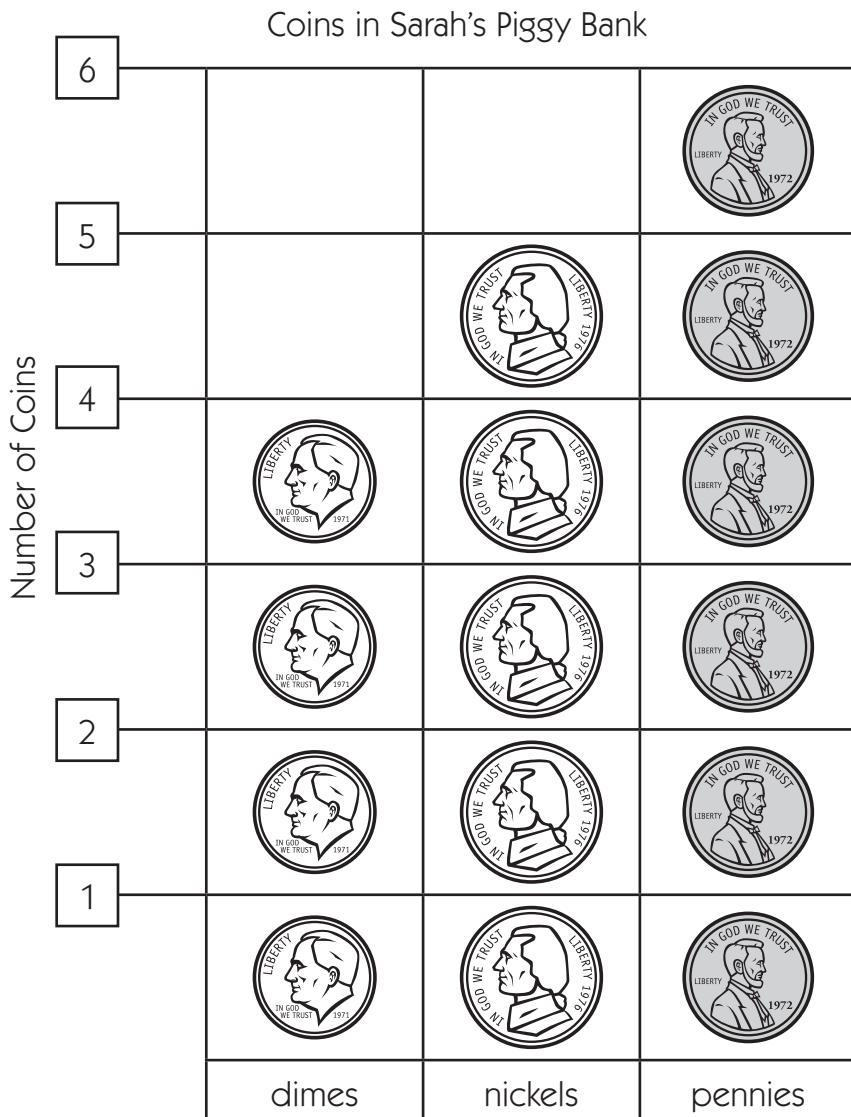
- 4** Which coin does Sarah have the fewest of?



### CHALLENGE

- 5** Count all the money on the graph. How much is there in all?

- 6** Write three observations about Sarah's coin collection:

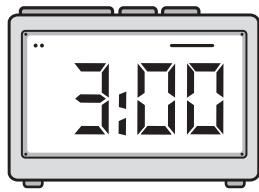
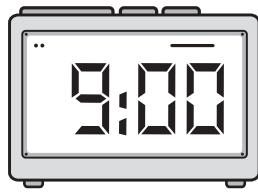
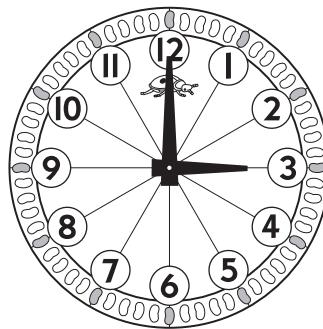
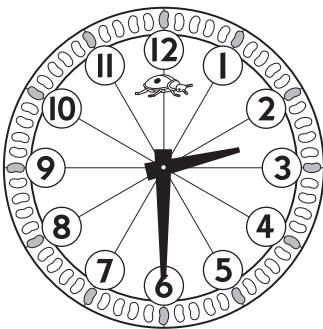
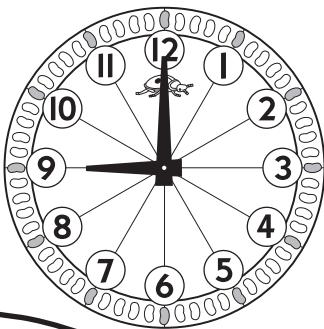
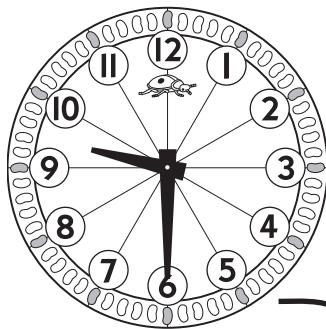


NAME \_\_\_\_\_

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## Two Kinds of Clocks

- 1 Draw lines between the clocks that show the same time.



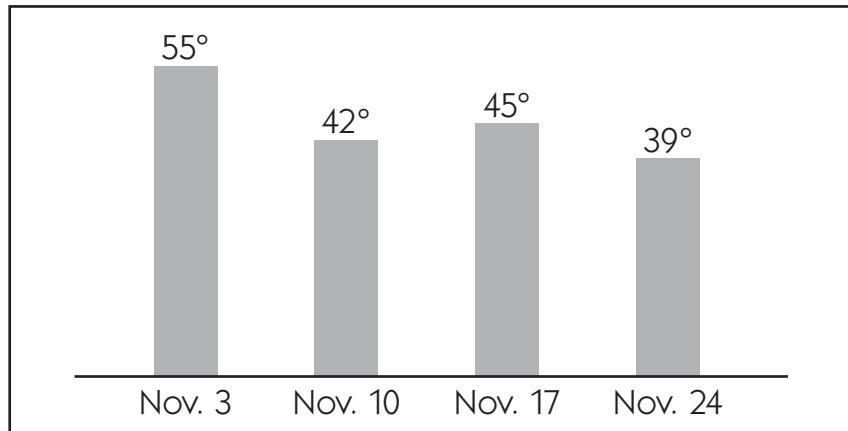
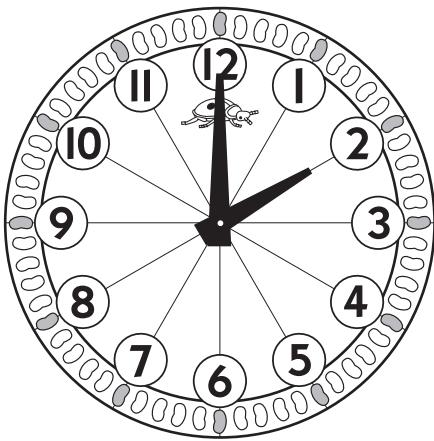
- 2 Draw the hour hand and minute hand to match the times below each clock:

a	b	c
Analog clock face with numbers 1 through 12. The hour hand is at 4 and the minute hand is at 12.	Analog clock face with numbers 1 through 12. The hour hand is at 7 and the minute hand is at 12.	Analog clock face with numbers 1 through 12. The hour hand is at 8 and the minute hand is at 12.
Digital clock displaying 4:30.	Digital clock displaying 7:00.	Digital clock displaying 8:30.

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## Tuesday Afternoon Temperatures



- 1 Mrs. Burk's students recorded the temperature at 2 PM every Tuesday in November. What do you notice about the temperatures? Write at least four observations.

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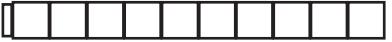
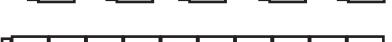
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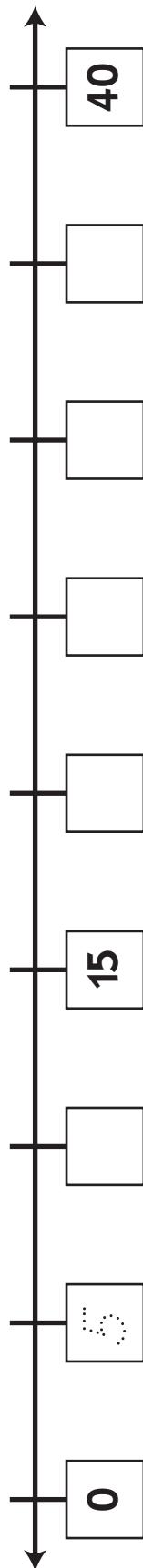
DATE \_\_\_\_\_

## Cubes on a Line

1 Count the cubes in each group below. Write the number on the line.

<b>a</b>		_____
<b>b</b>		_____
<b>c</b>		_____
<b>d</b>		_____
<b>e</b>		_____
<b>f</b>		_____
<b>g</b>		_____
<b>h</b>		_____

2 Fill in the missing numbers on the number line. Use the numbers above to help you.

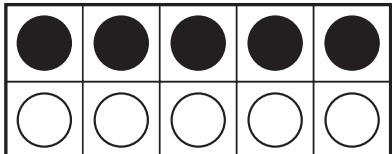
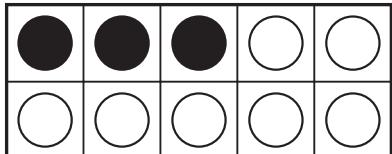
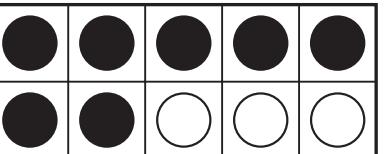
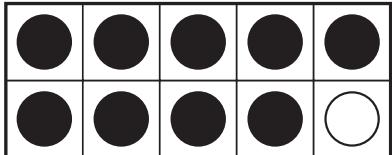
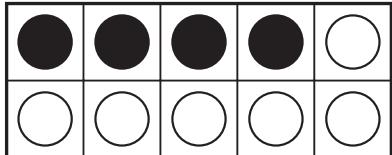
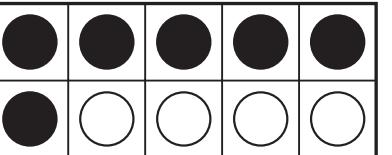


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# Make Ten Addition

- 1** Write an equation to match each ten frame.

<b>a</b>  $5 + 5 = 10$	<b>b</b> 	<b>c</b> 
<b>d</b> 	<b>e</b> 	<b>f</b> 

- 2** Solve each problem below.

$\underline{\quad} + 6 = 10$

$\underline{\quad} + 9 = 10$

$\underline{\quad} + 7 = 10$

$\underline{\quad} + 8 = 10$

$\underline{\quad} + 4 = 10$

$\underline{\quad} + 5 = 10$

$9 + \underline{\quad} = 10$

$2 + \underline{\quad} = 10$

$4 + \underline{\quad} = 10$

$5 + 4 + 1 = \underline{\quad}$

$7 + 2 + 1 = \underline{\quad}$

$1 + 2 + 3 + 4 = \underline{\quad}$

$3 + 3 + \underline{\quad} = 10$

$5 + 1 + \underline{\quad} = 10$

$1 + 8 + \underline{\quad} = 10$

NAME \_\_\_\_\_

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# Sums & Differences to Ten


**CHALLENGE**

**1** Solve each addition problem below.

$3 + \underline{\quad} = 10$

$6 + \underline{\quad} = 10$

$2 + \underline{\quad} = 10$

$8 + \underline{\quad} = 10$

$0 + \underline{\quad} = 10$

$5 + \underline{\quad} = 10$

$9 + \underline{\quad} = 10$

$1 + \underline{\quad} = 10$

$7 + \underline{\quad} = 10$

$4 + \underline{\quad} = 10$

$10 + \underline{\quad} = 10$

$6 + \underline{\quad} = 10$

$2 + 3 + \underline{\quad} = 10$

$4 + 5 + \underline{\quad} = 10$

$4 + \underline{\quad} + 2 = 10$

**2** Solve each subtraction problem below.

$10 - 4 = \underline{\quad}$

$10 - 2 = \underline{\quad}$

$10 - 1 = \underline{\quad}$

$10 - 3 = \underline{\quad}$

$10 - 6 = \underline{\quad}$

$10 - 5 = \underline{\quad}$

$10 - 10 = \underline{\quad}$

$10 - 8 = \underline{\quad}$

$10 - 7 = \underline{\quad}$

$10 - 9 = \underline{\quad}$

$10 - 0 = \underline{\quad}$

$10 - 3 = \underline{\quad}$

$10 - \underline{\quad} = 8$

$10 - \underline{\quad} = 1$

$10 - \underline{\quad} = 3$

$10 - \underline{\quad} = 5$

$10 - \underline{\quad} = 4$

$10 - \underline{\quad} = 10$

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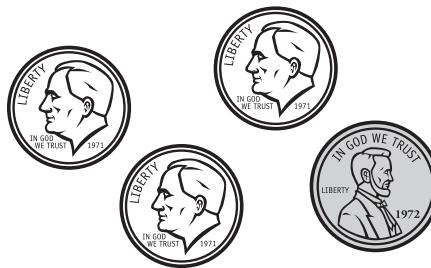
DATE \_\_\_\_\_

# Different Ways to Write Money Amounts

Count the money in each box. Write the total in two different ways.

**1**

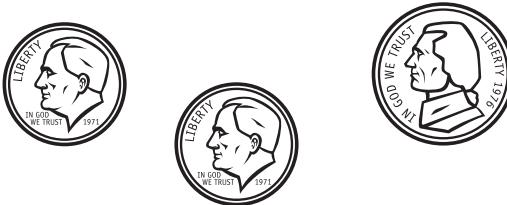
15 ¢ or \$0. 15

**2**

\_\_\_\_\_ ¢ or \$0. \_\_\_\_\_

**3**

\_\_\_\_\_ ¢ or \$0. \_\_\_\_\_

**4**

\_\_\_\_\_ ¢ or \$0. \_\_\_\_\_

**5**

\_\_\_\_\_ ¢ or \$0. \_\_\_\_\_

**6**

\_\_\_\_\_ ¢ or \$0. \_\_\_\_\_

**7**

\_\_\_\_\_ ¢ or \$0. \_\_\_\_\_

**8**

\_\_\_\_\_ ¢ or \$0. \_\_\_\_\_

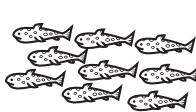
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# Hungry Shark Subtraction

1 Solve each problem.

$$\boxed{9} - \boxed{3} = \boxed{\phantom{00}}$$



$$\boxed{9} - \boxed{5} = \boxed{\phantom{00}}$$



$$\boxed{9} - \boxed{4} = \boxed{\phantom{00}}$$



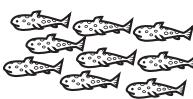
$$\boxed{9} - \boxed{1} = \boxed{\phantom{00}}$$



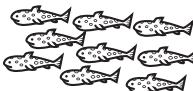
$$\boxed{9} - \boxed{0} = \boxed{\phantom{00}}$$



$$\boxed{9} - \boxed{8} = \boxed{\phantom{00}}$$



$$\boxed{9} - \boxed{2} = \boxed{\phantom{00}}$$



$$\boxed{9} - \boxed{6} = \boxed{\phantom{00}}$$



$$\boxed{9} - \boxed{7} = \boxed{\phantom{00}}$$



$$\boxed{9} - \boxed{9} = \boxed{\phantom{00}}$$



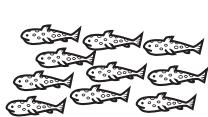
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# Hungry Shark Subtraction What's Missing?

- 1 Fill in the empty box for each problem.

$$10 - \boxed{\phantom{0}} = 3$$



$$8 - \boxed{\phantom{0}} = 4$$



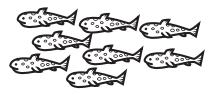
$$9 - 3 = \boxed{\phantom{0}}$$



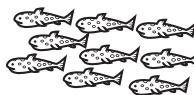
$$10 - \boxed{\phantom{0}} = 5$$



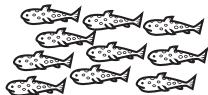
$$\boxed{\phantom{0}} - 6 = 2$$



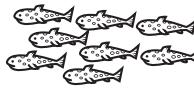
$$9 - \boxed{\phantom{0}} = 5$$



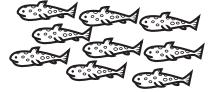
$$10 - \boxed{\phantom{0}} = 4$$



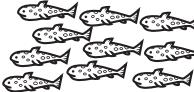
$$\boxed{\phantom{0}} - 2 = 6$$



$$9 - \boxed{\phantom{0}} = 3$$



$$\boxed{\phantom{0}} - 3 = 7$$



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# Adding & Subtracting Tens on the Hundreds Grid

Use the Hundreds Grid to help you find the sum or difference of each of the problems below:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

## 1 Add.

$63 + 10 = \underline{\hspace{2cm}}$

$17 + 10 = \underline{\hspace{2cm}}$

$36 + 10 = \underline{\hspace{2cm}}$

$10 + 25 = \underline{\hspace{2cm}}$

$74 + 10 = \underline{\hspace{2cm}}$

$10 + 38 = \underline{\hspace{2cm}}$

$59 + 10 = \underline{\hspace{2cm}}$

$10 + 82 = \underline{\hspace{2cm}}$

$47 + 10 = \underline{\hspace{2cm}}$

## 2 Subtract.

$41 - 10 = \underline{\hspace{2cm}}$

$85 - 10 = \underline{\hspace{2cm}}$

$25 - 10 = \underline{\hspace{2cm}}$

$97 - 10 = \underline{\hspace{2cm}}$

$52 - 10 = \underline{\hspace{2cm}}$

$31 - 10 = \underline{\hspace{2cm}}$

$55 - 10 = \underline{\hspace{2cm}}$

$18 - 10 = \underline{\hspace{2cm}}$

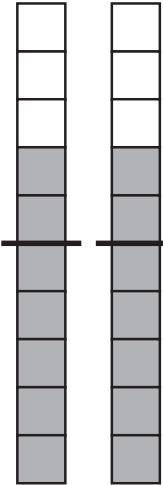
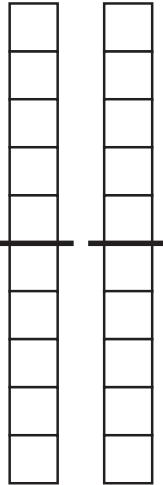
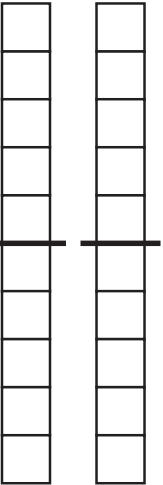
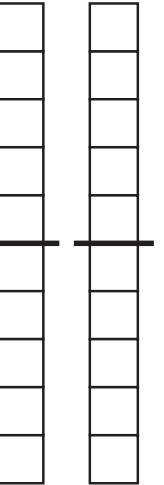
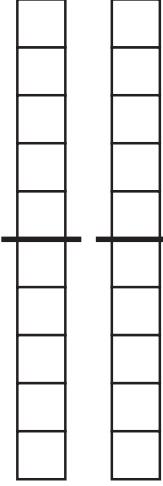
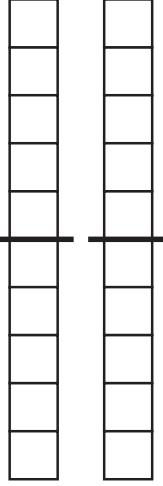
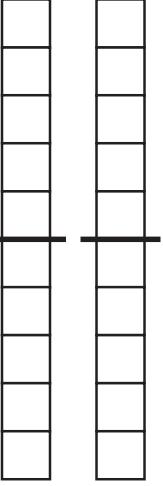
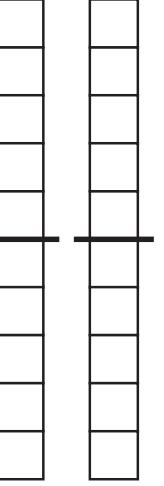
$96 - 10 = \underline{\hspace{2cm}}$

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# Doubles & Neighbors

Color the ten-strips to match each addition problem. Solve each equation.

<b>example</b>  $  \begin{array}{r}  7 \\  + 7 \\  \hline  14  \end{array}  $	<b>1</b>  $  \begin{array}{r}  7 \\  + 8 \\  \hline  \end{array}  $	<b>2</b>  $  \begin{array}{r}  8 \\  + 8 \\  \hline  \end{array}  $	<b>3</b>  $  \begin{array}{r}  9 \\  + 8 \\  \hline  \end{array}  $
<b>4</b>  $  \begin{array}{r}  6 \\  + 6 \\  \hline  \end{array}  $	<b>5</b>  $  \begin{array}{r}  5 \\  + 6 \\  \hline  \end{array}  $	<b>6</b>  $  \begin{array}{r}  4 \\  + 4 \\  \hline  \end{array}  $	<b>7</b>  $  \begin{array}{r}  4 \\  + 5 \\  \hline  \end{array}  $

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## More Doubles & Neighbors Addition

**1** Solve each doubles problem.

$3 + 3 = \underline{\hspace{1cm}}$

$5 + 5 = \underline{\hspace{1cm}}$

$2 + 2 = \underline{\hspace{1cm}}$

$4 + 4 = \underline{\hspace{1cm}}$

$1 + 1 = \underline{\hspace{1cm}}$

$0 + 0 = \underline{\hspace{1cm}}$

$6 + 6 = \underline{\hspace{1cm}}$

$9 + 9 = \underline{\hspace{1cm}}$

$8 + 8 = \underline{\hspace{1cm}}$

$7 + 7 = \underline{\hspace{1cm}}$

$10 + 10 = \underline{\hspace{1cm}}$

$4 + 4 = \underline{\hspace{1cm}}$

**2** Solve each neighbors problem.

$3 + 4 = \underline{\hspace{1cm}}$

$5 + 6 = \underline{\hspace{1cm}}$

$2 + 3 = \underline{\hspace{1cm}}$

$4 + 5 = \underline{\hspace{1cm}}$

$1 + 2 = \underline{\hspace{1cm}}$

$0 + 1 = \underline{\hspace{1cm}}$

$6 + 7 = \underline{\hspace{1cm}}$

$7 + 8 = \underline{\hspace{1cm}}$

$8 + 9 = \underline{\hspace{1cm}}$



### CHALLENGE

**3** Solve each doubles or neighbors problem.

$25 + 25 = \underline{\hspace{1cm}}$

$25 + 26 = \underline{\hspace{1cm}}$

$26 + 26 = \underline{\hspace{1cm}}$

$26 + 27 = \underline{\hspace{1cm}}$

$27 + 27 = \underline{\hspace{1cm}}$

$27 + 28 = \underline{\hspace{1cm}}$

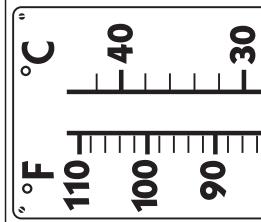
40	20	50	30	60	70	100
$+ 40$	$+ 20$	$+ 50$	$+ 30$	$+ 60$	$+ 70$	$+ 100$
<hr/>						

30	20	40	50	60	200	400
$+ 40$	$+ 30$	$+ 50$	$+ 60$	$+ 70$	$+ 300$	$+ 500$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

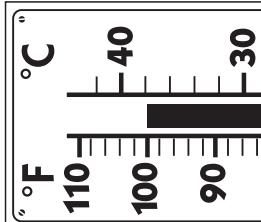
NAME \_\_\_\_\_ DATE \_\_\_\_\_

## Bath Water & January Ocean Water Temperatures

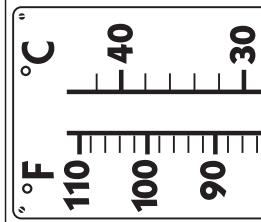
- 1** Find the difference and show how you figured it out:



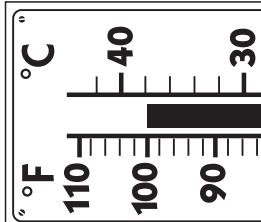
- 2** Find the difference and show how you figured it out:



- 1** Find the difference and show how you figured it out:



- 1** Find the difference and show how you figured it out:

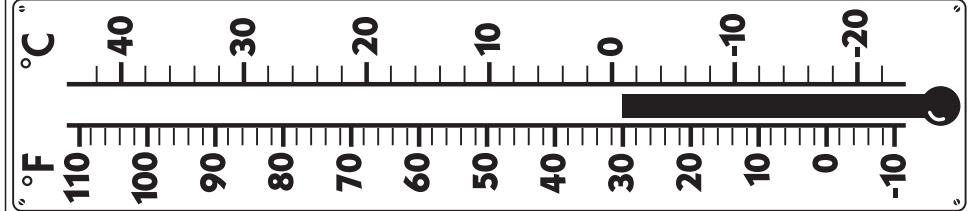
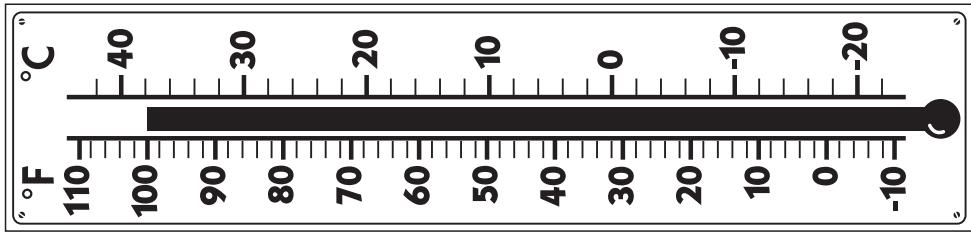
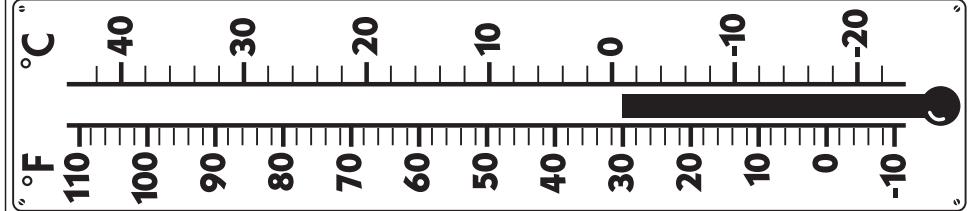


A Warm Bath

The Northern California Coast

A Warm Bath

The Antarctic Ocean

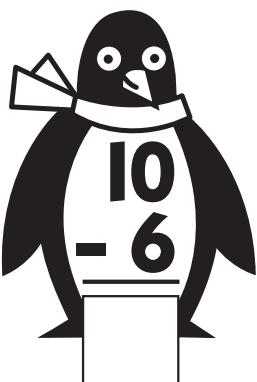
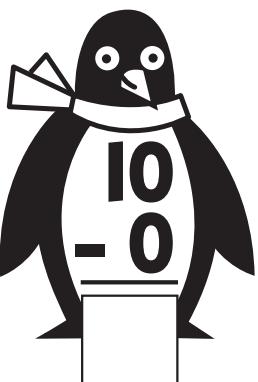
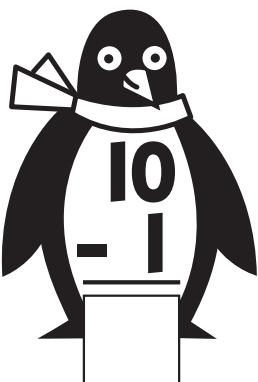
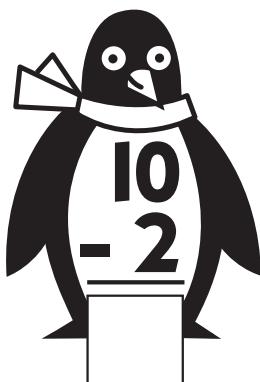
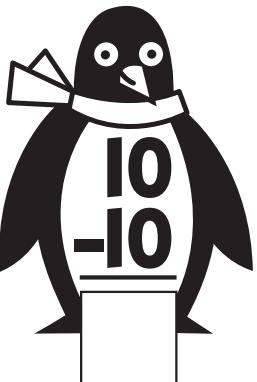
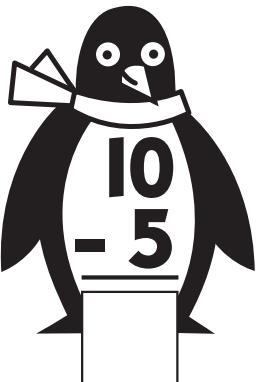
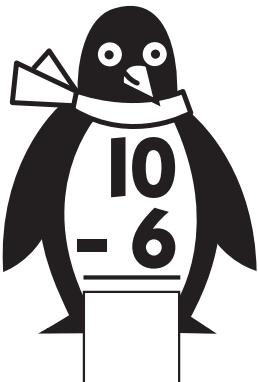
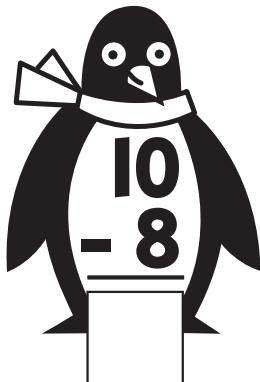
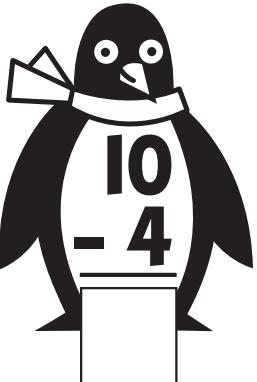
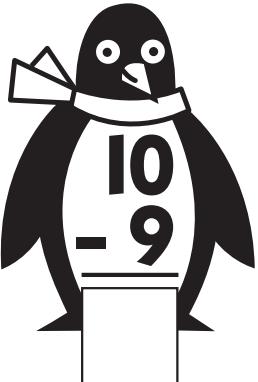
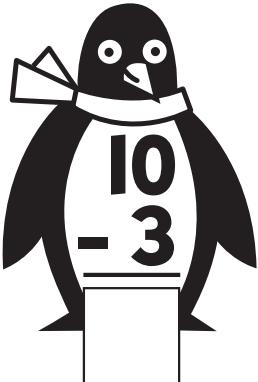
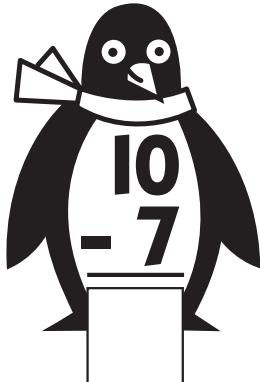


NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Penguin Subtraction

- 1 Find the difference for each problem below:



- 2 Fill in the missing number.

$$\underline{\quad} - 7 = 3$$

$$10 - \underline{\quad} = 6$$

$$10 - \underline{\quad} = 2$$

$$\underline{\quad} - 4 = 6$$

$$10 - \underline{\quad} = 1$$

$$10 - \underline{\quad} = 5$$

$$\underline{\quad} - 8 = 2$$

$$10 - \underline{\quad} = 0$$

$$10 - \underline{\quad} = 10$$

$$10 - \underline{\quad} = 3$$

$$10 - \underline{\quad} = 4$$

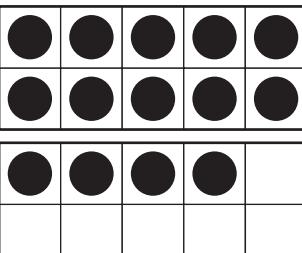
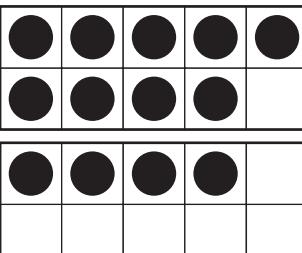
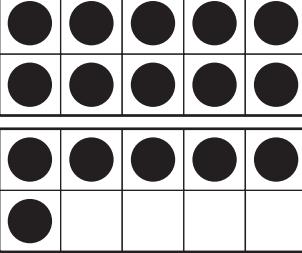
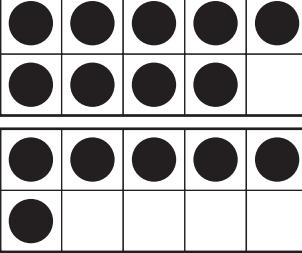
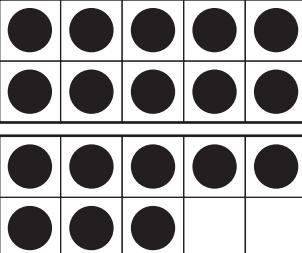
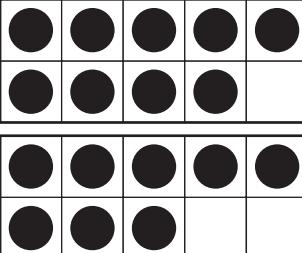
$$10 - \underline{\quad} = 7$$

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Fast Nines & Fast Tens Addition

**1** Solve each problem below:

<b>a</b>	<b>b</b>
 $10 + 4 = \underline{\hspace{2cm}}$	 $9 + 4 = \underline{\hspace{2cm}}$
<b>c</b>	<b>d</b>
 $10 + 6 = \underline{\hspace{2cm}}$	 $9 + 6 = \underline{\hspace{2cm}}$
<b>e</b>	<b>f</b>
 $10 + 8 = \underline{\hspace{2cm}}$	 $9 + 8 = \underline{\hspace{2cm}}$

**2** Fill in the blank.

$$\begin{array}{ll}
 10 + 0 = \underline{\hspace{2cm}} & 9 + 0 = \underline{\hspace{2cm}} \\
 \\ 
 10 + 3 = \underline{\hspace{2cm}} & 9 + 3 = \underline{\hspace{2cm}} \\
 \\ 
 10 + 1 = \underline{\hspace{2cm}} & 9 + 1 = \underline{\hspace{2cm}} \\
 \\ 
 10 + 7 = \underline{\hspace{2cm}} & 9 + 7 = \underline{\hspace{2cm}} \\
 \\ 
 10 + 2 = \underline{\hspace{2cm}} & 9 + 2 = \underline{\hspace{2cm}} \\
 \\ 
 10 + 5 = \underline{\hspace{2cm}} & 9 + 5 = \underline{\hspace{2cm}} \\
 \\ 
 10 + 9 = \underline{\hspace{2cm}} & 9 + 9 = \underline{\hspace{2cm}} \\
 \\ 
 4 + 10 = \underline{\hspace{2cm}} & 4 + 9 = \underline{\hspace{2cm}} \\
 \\ 
 6 + 10 = \underline{\hspace{2cm}} & 6 + 9 = \underline{\hspace{2cm}} \\
 \\ 
 8 + 10 = \underline{\hspace{2cm}} & 8 + 9 = \underline{\hspace{2cm}} \\
 \\ 
 10 + \underline{\hspace{2cm}} = 17 & 9 + \underline{\hspace{2cm}} = 17
 \end{array}$$

NAME \_\_\_\_\_

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# Comparing Penguin Heights

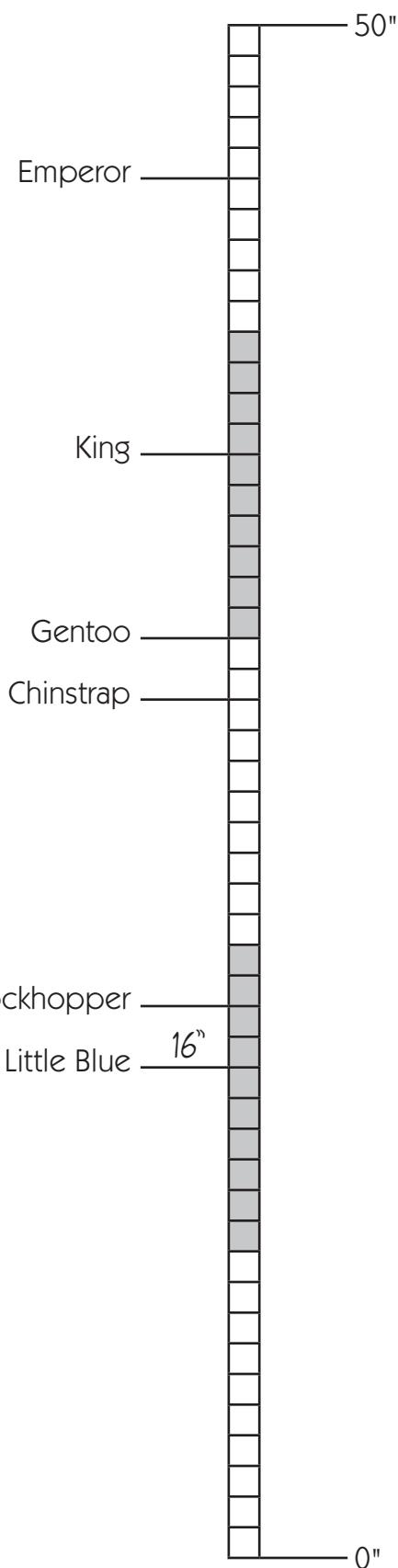
Each square represents 1 inch.

- Figure out how many inches tall each kind of penguin is. Write the number of inches on the line beside each penguin's name.
- How much taller is the Emperor penguin than the Gentoo penguin? Show how you figured it out.



## CHALLENGE

- How much taller are you than the Gentoo penguin? Show how you figured it out.

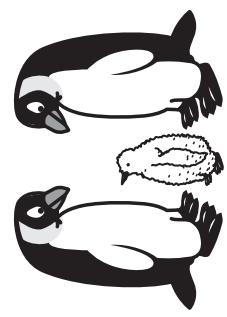


NAME \_\_\_\_\_

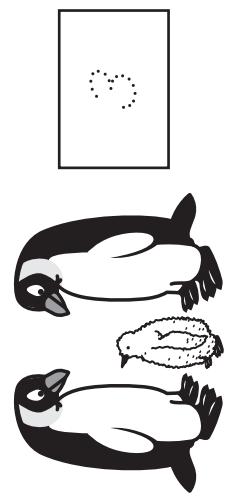
DATE \_\_\_\_\_

## Penguin Families

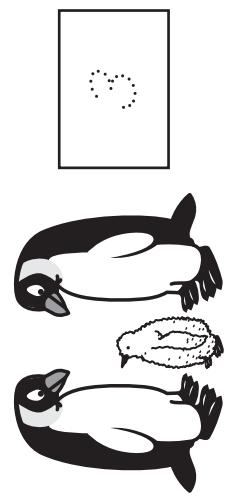
**1** How many penguins in each row?



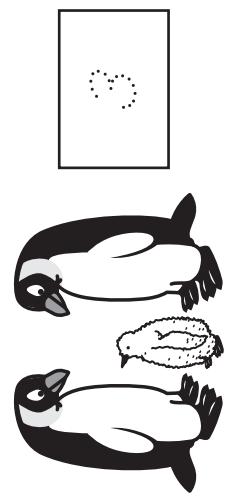
one  
family



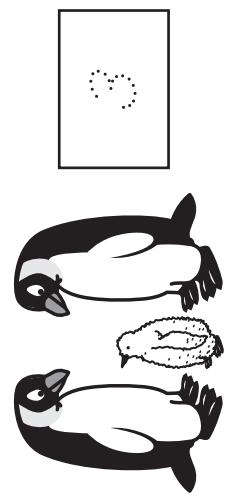
two  
families



three  
families



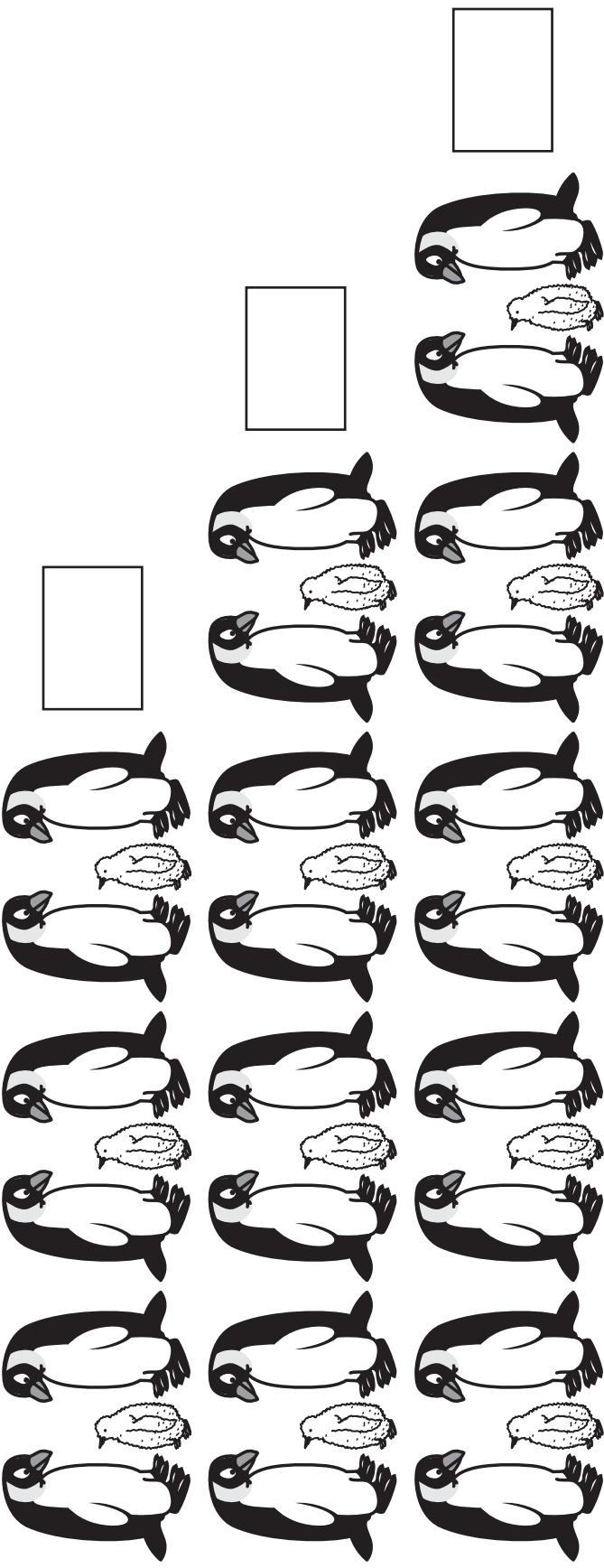
four  
families

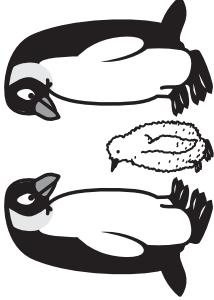
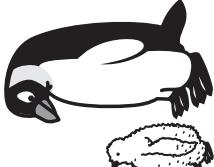
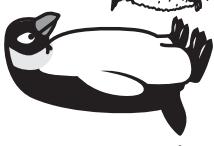
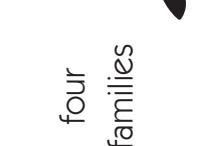
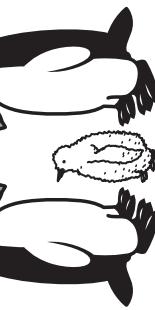
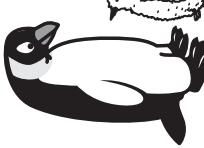
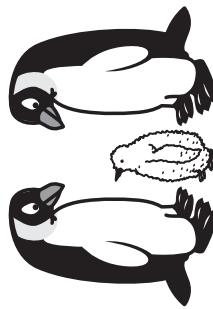


five  
families

**2** Fill in the counting by 3's numbers:

1	2	4	5	7	8	10
11	13	14	16	17	19	20
	22	23	25	26	28	29
		34	35	37	38	40
31	32					
41	43	44	46	47	49	50

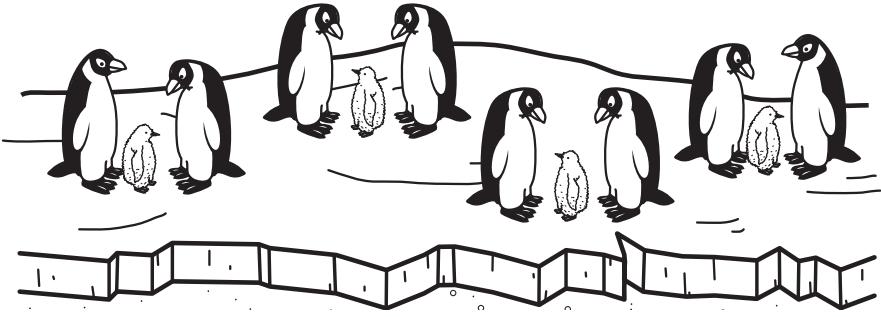



NAME \_\_\_\_\_

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## A Penguin Problem



The illustration shows a group of penguins on a snowy ground. Some are standing in pairs, some are with chicks, and one is swimming in the water. Below the illustration is a wavy line representing water, with several small rectangles floating on it, representing ice floes.

- **Half as many penguins are swimming.**
- **How many penguins are in the water?**
- **How many penguins altogether?**

- 1 Show how you solve the problem with pictures, numbers and words.

There are \_\_\_\_\_ penguins in the water.

There are \_\_\_\_\_ penguins altogether.

NAME \_\_\_\_\_

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## More Penguin Problems

Use pictures, numbers and words to show how you solve each problem.

**1**



8 penguins were on the rocks. Twice as many were swimming.



How many were in the water? How many penguins altogether?

There were \_\_\_\_\_ penguins in the water.

There were \_\_\_\_\_ penguins altogether.

**2**



14 penguins were on the rocks. Half as many were swimming.



How many were in the water? How many penguins altogether?

There were \_\_\_\_\_ penguins in the water.

There were \_\_\_\_\_ penguins altogether.

NAME \_\_\_\_\_

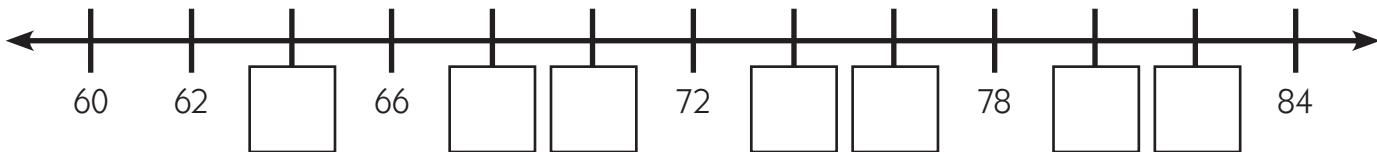
DATE \_\_\_\_\_

# Skip Counting by 2's

**1a** Fill in the missing numbers.

1	2	3	4	5	6	7	8	9	10
11	12	13		15	16	17		19	20
21		23	24	25		27	28	29	
31	32	33		35	36	37		39	40
41		43	44	45		47	48	49	

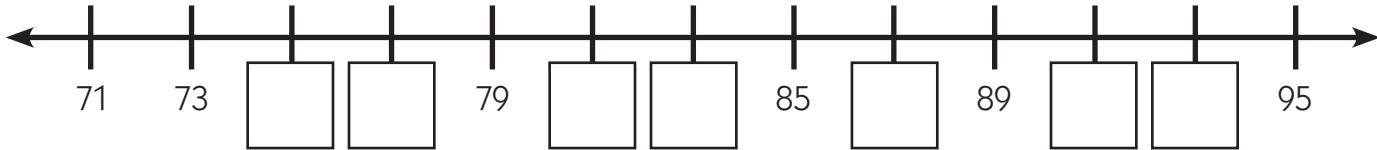
**b** Write the missing numbers on the line.



**2a** Fill in the missing numbers.

1	2	3	4	5	6	7	8	9	10
11	12		14	15	16		18	19	20
	22	23	24		26	27	28		30
31	32		34	35	36		38	39	40
	42	43	44		46	47	48		50

**b** Write the missing numbers on the line.



**3** Solve the problems below:

$$34 + 2 = \underline{\hspace{2cm}}$$

$$44 + 2 = \underline{\hspace{2cm}}$$

$$26 + 2 = \underline{\hspace{2cm}}$$

$$11 + 2 = \underline{\hspace{2cm}}$$

$$17 + 2 = \underline{\hspace{2cm}}$$

$$43 + 2 = \underline{\hspace{2cm}}$$

NAME \_\_\_\_\_

DATE \_\_\_\_\_

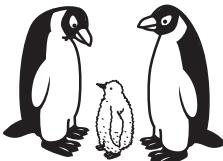
## Penguin Challenge Problems



### CHALLENGE

Use pictures, numbers and words to show how you solve each problem.

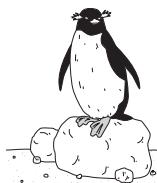
- 1** 9 penguin families were on shore.



Each family had a father, mother and chick. How many penguins altogether?

There were \_\_\_\_\_ penguins altogether.

- 2** There were 36 orange feet hopping over the rocks.



How many Rockhopper Penguins were there?

There were \_\_\_\_\_ Rockhopper Penguins.

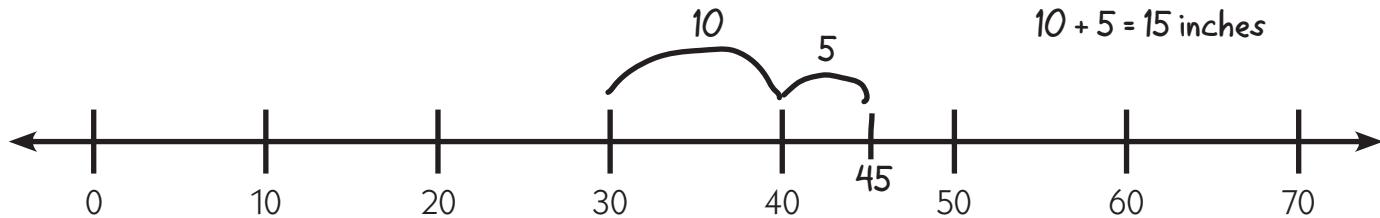
NAME \_\_\_\_\_

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# Determining Differences on a Number Line


**CHALLENGE**

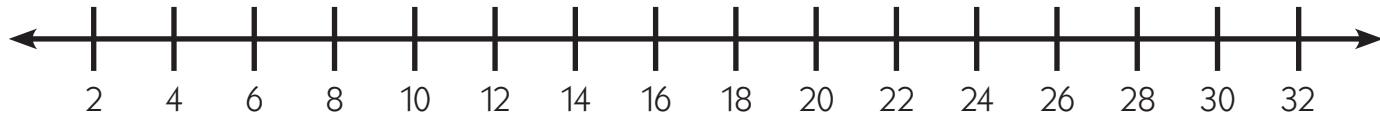
**example** A Gentoo Penguin is about 30 inches tall. An Emperor Penguin is 45 inches tall. Here are some hops along the number line to show the difference between their heights.



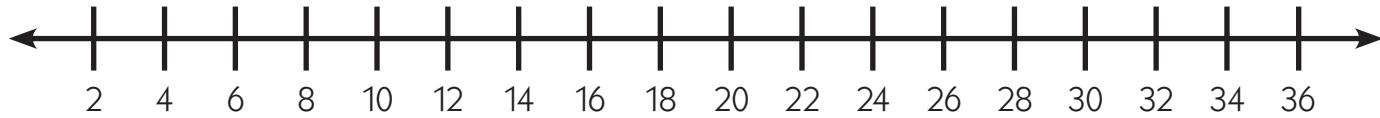
- 1** King Penguins weigh about 30 pounds. Emperor Penguins weigh about 65 pounds. Take some hops along the number line to find the difference between their weights. Show your hops as you go.



- 2** Rockhopper Penguins weigh about 6 pounds. King Penguins weigh about 30 pounds. Take some hops along the number line to find the difference between their weights. Show your hops as you go.



- 3** A Rockhopper Penguin is about 18 inches tall. A King Penguin is about 36 inches tall. Take some hops along the number line to find the difference between their heights. Show your hops as you go.

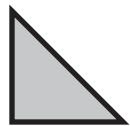
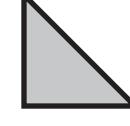
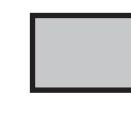
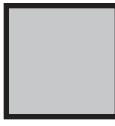
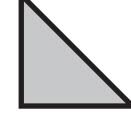
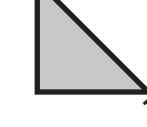
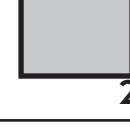
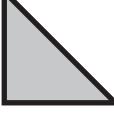
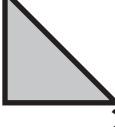


NAME \_\_\_\_\_

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# What's Missing?

- 1** The order of these shapes keeps repeating on this calendar grid. Draw the shape and write the number in each empty space. Will the number go on top or on the bottom?

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 	2 	3 	4 
5 	6 	7 	8 	9 	10 	11 
12 	13 	14 	15 	16 		
19 	20 	21 			24 	
26 	27 	28 			31 	

- 2** Draw the shape that is on the second Sunday.

- 3** Draw the shape that is on the fourth Friday.

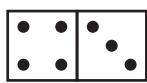
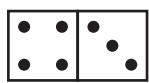
- 4** Draw the shape that is on the first Monday.

NAME \_\_\_\_\_

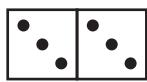
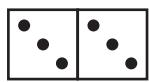
DATE \_\_\_\_\_

# Number Word Match

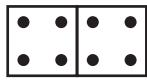
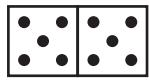
Write an equation to match the dominoes. Then draw a line to the word that tells how many in all. You won't find a match for every word.

**1**

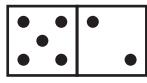
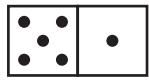
$$\underline{7} + \underline{7} = \underline{14}$$

**2**

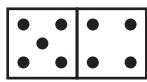
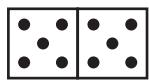
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

**3**

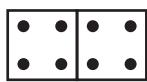
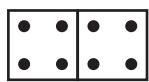
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

**4**

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

**5**

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

**6**

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

eleven

twelve

thirteen

fourteen

fifteen

sixteen

seventeen

eighteen

nineteen

twenty

NAME \_\_\_\_\_

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# Adding & Subtracting

**1** Add.

$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$$

3 + 4 + 2 = \_\_\_\_\_

2 + 8 = \_\_\_\_\_

2 + 3 + 5 = \_\_\_\_\_

**2** Subtract.

$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 10 \\ \hline \end{array}$$

10 - 4 = \_\_\_\_\_

10 - 6 = \_\_\_\_\_

10 - 9 = \_\_\_\_\_

**3** True or False? Circle one.

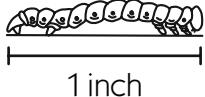
<b>a</b>	3 + 4 = 8	T	F	<b>b</b>	9 = 3 + 4 + 2	T	F
<b>c</b>	7 + 5 + 4 = 15	T	F	<b>d</b>	1 + 2 + 7 = 10	T	F
<b>e</b>	2 + 3 + 3 = 10	T	F	<b>f</b>	8 = 3 + 5 + 0	T	F
<b>g</b>	9 - 3 = 5	T	F	<b>h</b>	8 - 5 = 2	T	F
<b>i</b>	10 - 4 = 6	T	F	<b>j</b>	10 - 8 = 3	T	F

NAME \_\_\_\_\_

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## How Long Is It? Measuring with the Inchworm

This is an inchworm. He is 1 inch long.



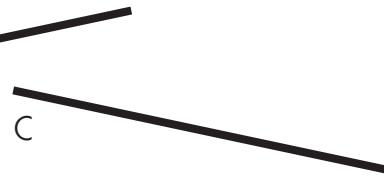
- 1 Find three things in your room that are about an inch long.

a A \_\_\_\_\_ is about 1 inch long.

b A \_\_\_\_\_ is about 1 inch long.

c A \_\_\_\_\_ is about 1 inch long.

- 2 Choose *one* of the things you found. Use it to help estimate how long each of these line segments is.



a Line segment A is about \_\_\_\_\_ inches long.

b Line segment B is about \_\_\_\_\_ inches long.

c Line segment C is about \_\_\_\_\_ inches long.

NAME \_\_\_\_\_

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# Triangle Fact Families

Draw a line to match each Unifix cube train to its fact family triangle. Then write 2 addition and 2 subtraction sentences to match.

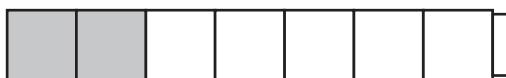
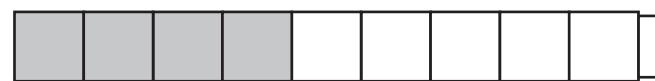
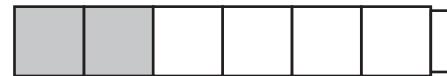
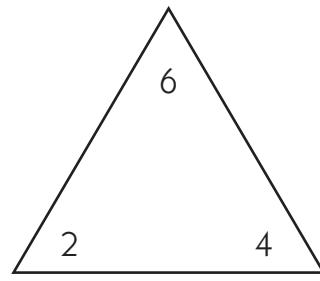
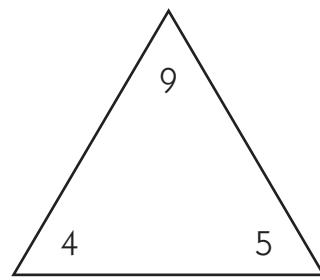
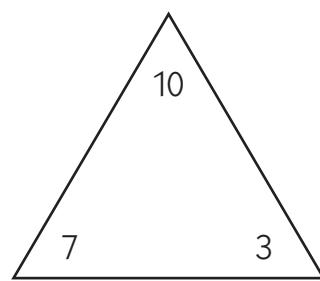
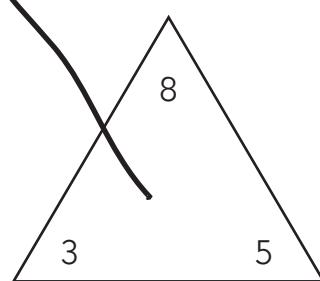
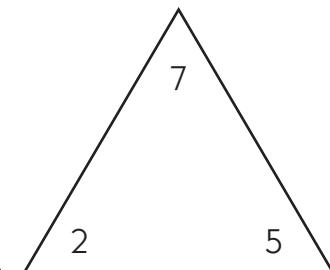
**ex**

$$3 + 5 = 8$$

$$5 + 3 = 8$$

$$8 - 5 = 3$$

$$8 - 3 = 5$$

**1****2****3****4**

NAME \_\_\_\_\_

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**Doubles & Halves** Addition & Subtraction**1** Add.

$4 + 4 = \underline{\hspace{1cm}}$

$2 + 2 = \underline{\hspace{1cm}}$

$10 + 10 = \underline{\hspace{1cm}}$

$5 + 5 = \underline{\hspace{1cm}}$

$6 + 6 = \underline{\hspace{1cm}}$

$1 + 1 = \underline{\hspace{1cm}}$

$3 + 3 = \underline{\hspace{1cm}}$

$8 + 8 = \underline{\hspace{1cm}}$

$11 + 11 = \underline{\hspace{1cm}}$

$7 + 7 = \underline{\hspace{1cm}}$

$9 + 9 = \underline{\hspace{1cm}}$

$12 + 12 = \underline{\hspace{1cm}}$

**2** Subtract.

$8 - 4 = \underline{\hspace{1cm}}$

$12 - 6 = \underline{\hspace{1cm}}$

$20 - 10 = \underline{\hspace{1cm}}$

$10 - 5 = \underline{\hspace{1cm}}$

$18 - 9 = \underline{\hspace{1cm}}$

$2 - 1 = \underline{\hspace{1cm}}$

$14 - 7 = \underline{\hspace{1cm}}$

$6 - 3 = \underline{\hspace{1cm}}$

$1 - 0 = \underline{\hspace{1cm}}$

$4 - 2 = \underline{\hspace{1cm}}$

$16 - 8 = \underline{\hspace{1cm}}$

$22 - 11 = \underline{\hspace{1cm}}$

**CHALLENGE****3** Add or subtract.

70	90	60	200	400	300	1,000
$+ 70$	$+ 90$	$+ 60$	$+ 200$	$+ 400$	$+ 300$	$+ 1,000$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

120	180	140	600	400	800	2,000
$- 60$	$- 90$	$- 70$	$- 300$	$- 200$	$- 400$	$- 1,000$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

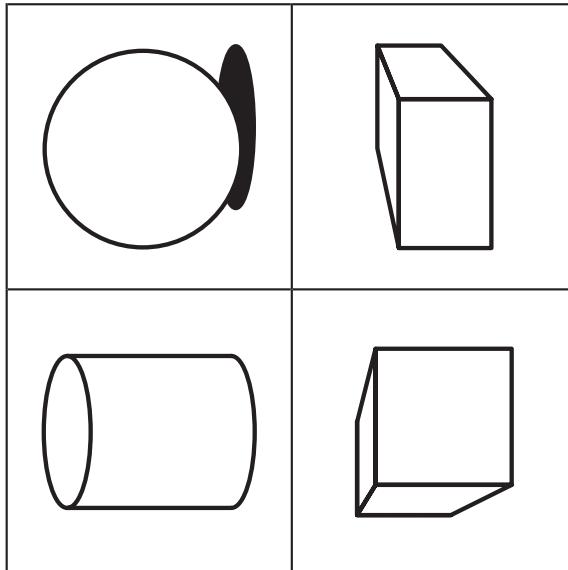
NAME \_\_\_\_\_

DATE \_\_\_\_\_

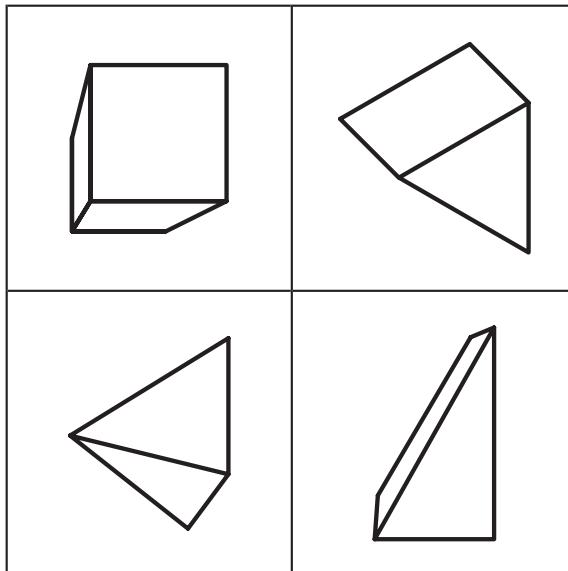
## Which Shape Does NOT Belong?

Mark that shape with an X. Then explain why you think the shape does not belong.

1



2

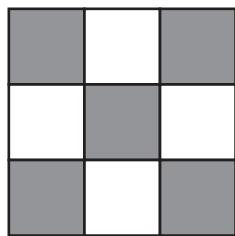


NAME \_\_\_\_\_

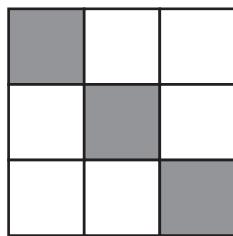
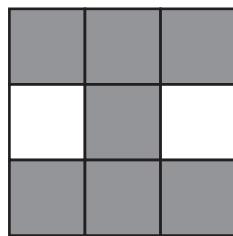
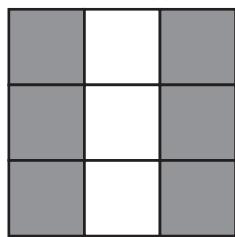
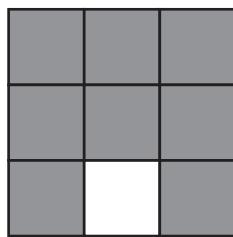
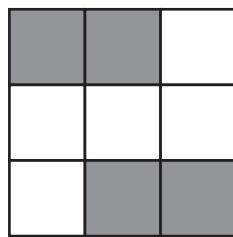
DATE \_\_\_\_\_

# Ways to Make Nine

- 1** Write an equation that tells about the number of dark and light squares in each quilt block.

**a**

$$2 + 2 = 4 \quad 2 + 2 = 4$$

**b****c****d****e****f**

- 2** Solve the problems below:

$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

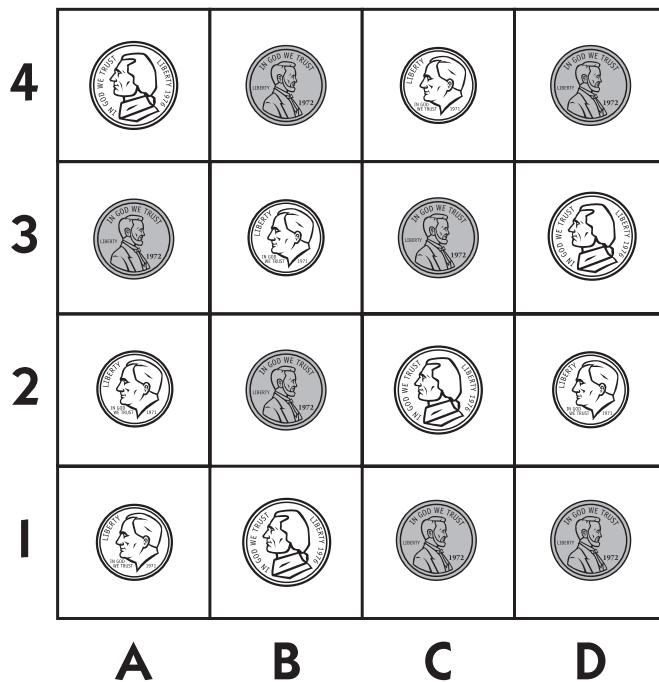
$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Capture the Coins & Count Your Coins

- 1** Use the coordinates below to figure out which coins you capture. Then count how much money you won.



A, 4 _____ ¢	D, 2 _____ ¢	B, 4 _____ ¢
C, 2 _____ ¢	D, 3 _____ ¢	C, 4 _____ ¢
A, 3 _____ ¢	A, 1 _____ ¢	A, 2 _____ ¢

- 2** How much money did you win? Show how you figured it out:

I won \_\_\_\_\_ ¢

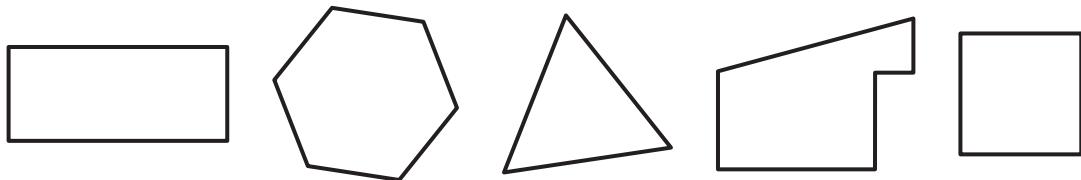
NAME \_\_\_\_\_

DATE \_\_\_\_\_

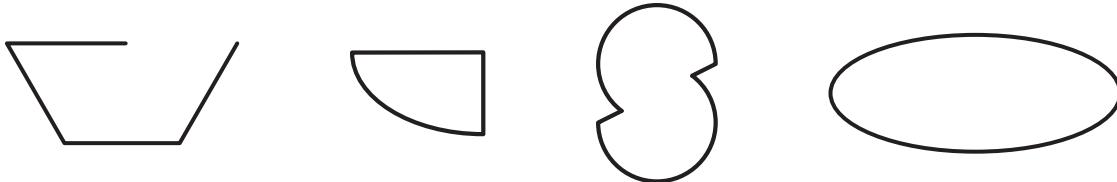
# Polygons & Nonpolygons

To be in the Polygon Club, all your sides have to be straight. You are not allowed to have *any* curves. Also, all your sides have to meet at the corners. No gaps allowed.

These shapes are in the Polygon Club.

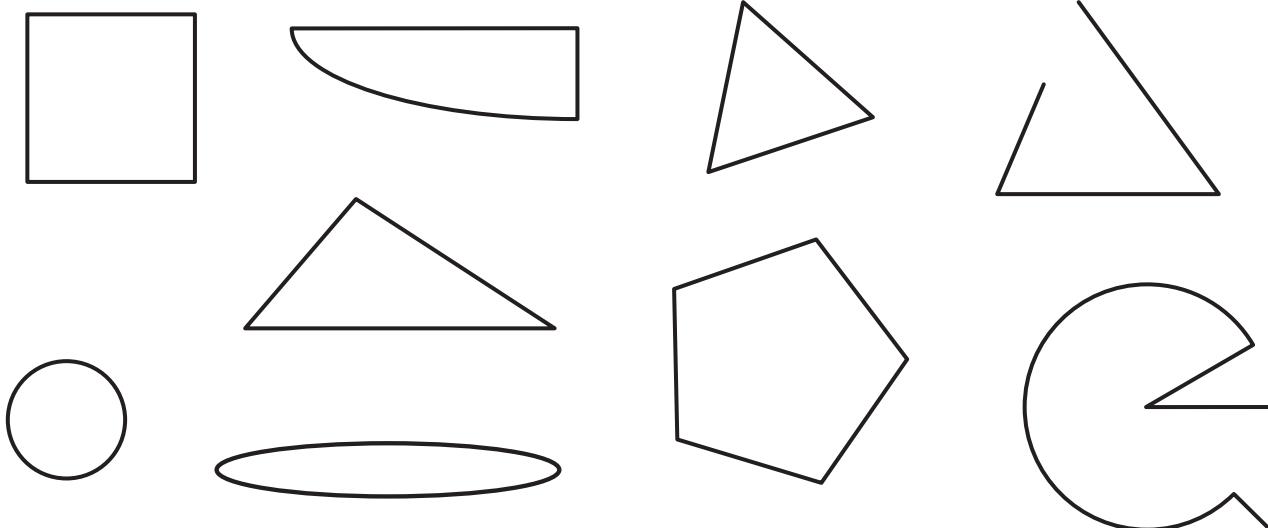


These shapes are not in the Polygon Club. They are called nonpolygons.



**1** Look at the shapes below.

- a** Circle the shapes that belong in the Polygon Club.  
**b** Cross out the shapes that do not belong in the Polygon Club.



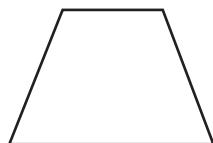
NAME \_\_\_\_\_

DATE \_\_\_\_\_

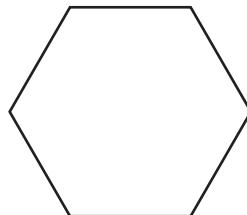
# Which Shape Is it? Riddles, page 1



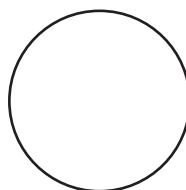
Large Rectangle



Large Trapezoid



Large Hexagon



Large Circle



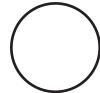
Small Rectangle



Small Trapezoid



Small Hexagon



Small Circle

Read each set of clues to figure out which shape it will be. Draw the shape in the box. Circle the word to tell whether it is a polygon or a nonpolygon.

**1** Clues

- My shape has less than six sides.
- My shape has more than three sides.
- My shape is large.
- My shape has 2 slanted sides.

**a** Draw the shape.

**b** Circle one: polygon or nonpolygon

**2** Clues

- My shape has less than six sides.
- My shape is small.
- My shape does not have 4 sides.
- My shape does not have any straight sides.

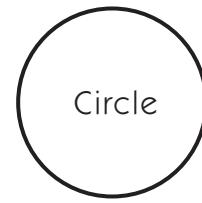
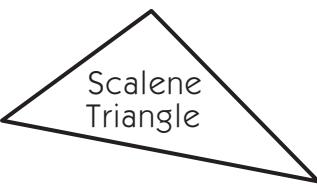
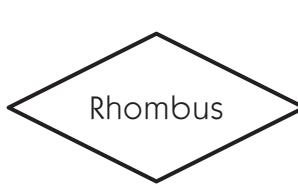
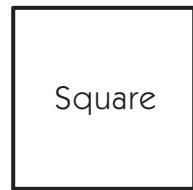
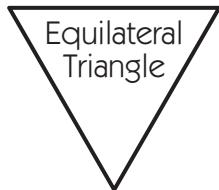
**a** Draw the shape.

**b** Circle one: polygon or nonpolygon

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Which Shape Is It? Riddles, page 2



Solve the riddles below. Write the name of the shape in each riddle box. Then circle the word to tell if it is a polygon or a nonpolygon.

### 1 Clues

- My shape has 4 corners.
- My shape has 4 equal sides.
- My shape is not a square.

Can you guess my shape?

**a** It is a \_\_\_\_\_.

**b** Circle one: polygon or nonpolygon

### 3 Clues

- My shape does not have 4 corners.
- My shape does not have 3 sides.
- My shape has no straight sides.

Can you guess my shape?

**a** It is a \_\_\_\_\_.

**b** Circle one: polygon or nonpolygon

### 2 Clues

- My shape has 3 sides.
- My shape has 3 corners.
- Each of its sides is a different length.

Can you guess my shape?

**a** It is a \_\_\_\_\_.

**b** Circle one: polygon or nonpolygon

### 4 Clues

- My shape has more than 3 sides.
- My shape has more than 4 sides.
- My shape has 6 corners.

Can you guess my shape?

**a** It is a \_\_\_\_\_.

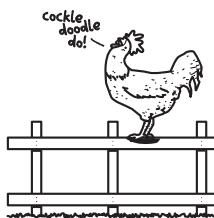
**b** Circle one: polygon or nonpolygon

NAME \_\_\_\_\_

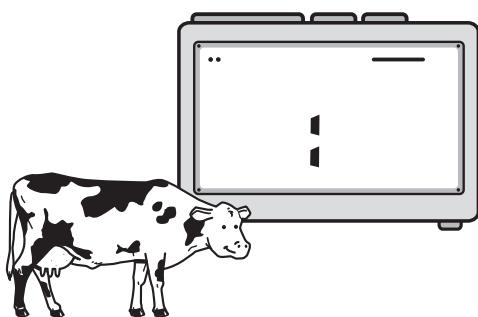
DATE \_\_\_\_\_

# A Farmer's Morning

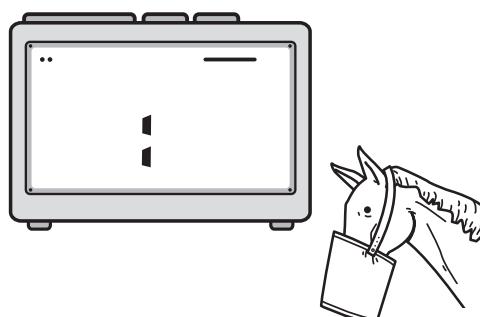
Farmer Jane gets up at half past four every morning. Fill in the times on these clocks to show the rest of her morning.



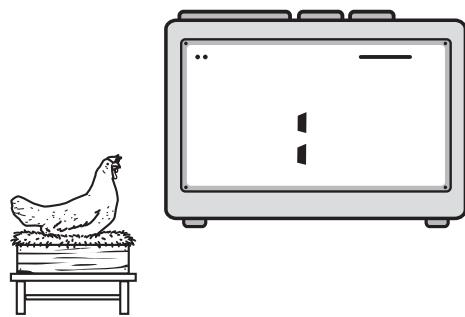
- 1** Milk the cows at 6 o'clock.



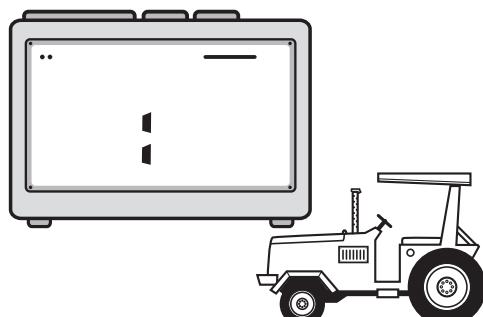
- 2** Feed the animals at half past seven.



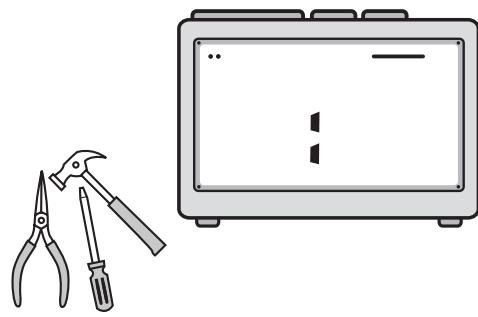
- 3** Gather the eggs at 8 o'clock.



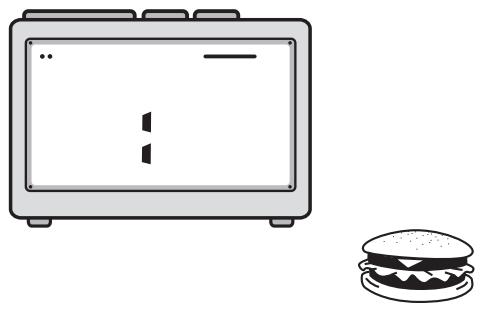
- 4** Work on the tractor at 9 o'clock.



- 5** Repair the fence at half past 10.



- 6** Stop for lunch at half past 11.



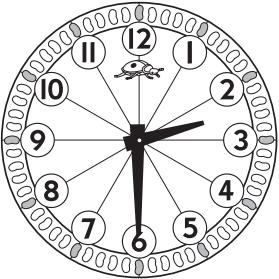
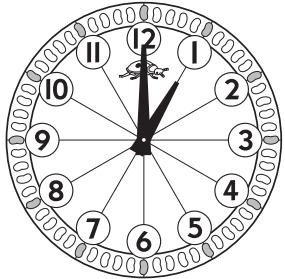
NAME \_\_\_\_\_

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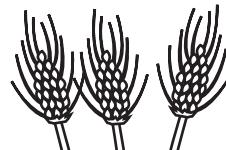
# A Farmer's Afternoon


**CHALLENGE**

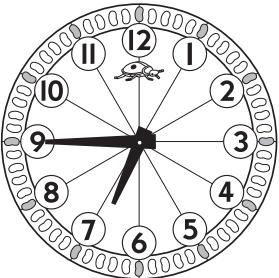
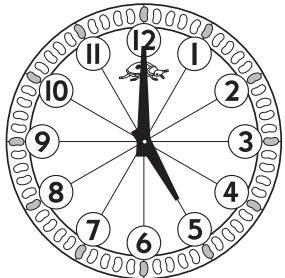
- 1** The farmer begins harvesting the wheat at 1 o'clock. He stops at 2:30. How long did he work? Show how you figured it out:



The farmer worked for \_\_\_\_\_.



- 2** The farmer begins milking the cows and feeding all the animals at 5 o'clock. She finishes at 6:45. How long did she work? Show how you figured it out.



The farmer worked for \_\_\_\_\_.



NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Winter Farming Buying Feed for the Animals

**1** Use your doubles to solve the problems below:

$2 + 2 = \underline{\hspace{2cm}}$

$20 + 20 = \underline{\hspace{2cm}}$

$40 + 40 = \underline{\hspace{2cm}}$

$3 + 3 = \underline{\hspace{2cm}}$

$30 + 30 = \underline{\hspace{2cm}}$

$60 + 60 = \underline{\hspace{2cm}}$

$4 + 4 = \underline{\hspace{2cm}}$

$40 + 40 = \underline{\hspace{2cm}}$

$80 + 80 = \underline{\hspace{2cm}}$

$5 + 5 = \underline{\hspace{2cm}}$

$50 + 50 = \underline{\hspace{2cm}}$

$100 + 100 = \underline{\hspace{2cm}}$

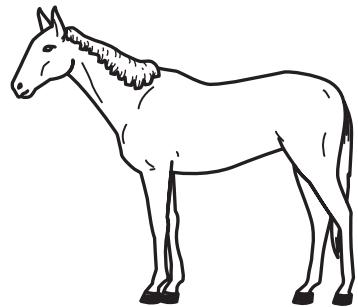
$6 + 6 = \underline{\hspace{2cm}}$

$60 + 60 = \underline{\hspace{2cm}}$

$120 + 120 = \underline{\hspace{2cm}}$

**2** Use pictures, numbers and words to show how you solve the problems.

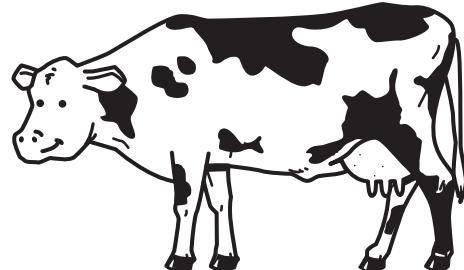
- a** The farmer bought 4 fifty pound bags of special horse feed for \$20 a bag. How much did he pay? Show how you figured it out.



The farmer paid \_\_\_\_\_.



- b** Round bales of hay sell for \$40 per bale. The farmer bought 8 bales for her cows. How much did she pay? Show how you figured it out.



The farmer paid \_\_\_\_\_.

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Fact Practice

**1** Add.

$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$$

$4 + 2 = \underline{\hspace{1cm}}$

$2 + 3 + 5 = \underline{\hspace{1cm}}$

$9 + 1 + 0 = \underline{\hspace{1cm}}$

**2** Subtract.

$$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 0 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 3 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 3 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 9 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ - 3 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 10 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$$

$6 - 4 = \underline{\hspace{1cm}}$

$8 - 6 = \underline{\hspace{1cm}}$

$10 - 9 = \underline{\hspace{1cm}}$

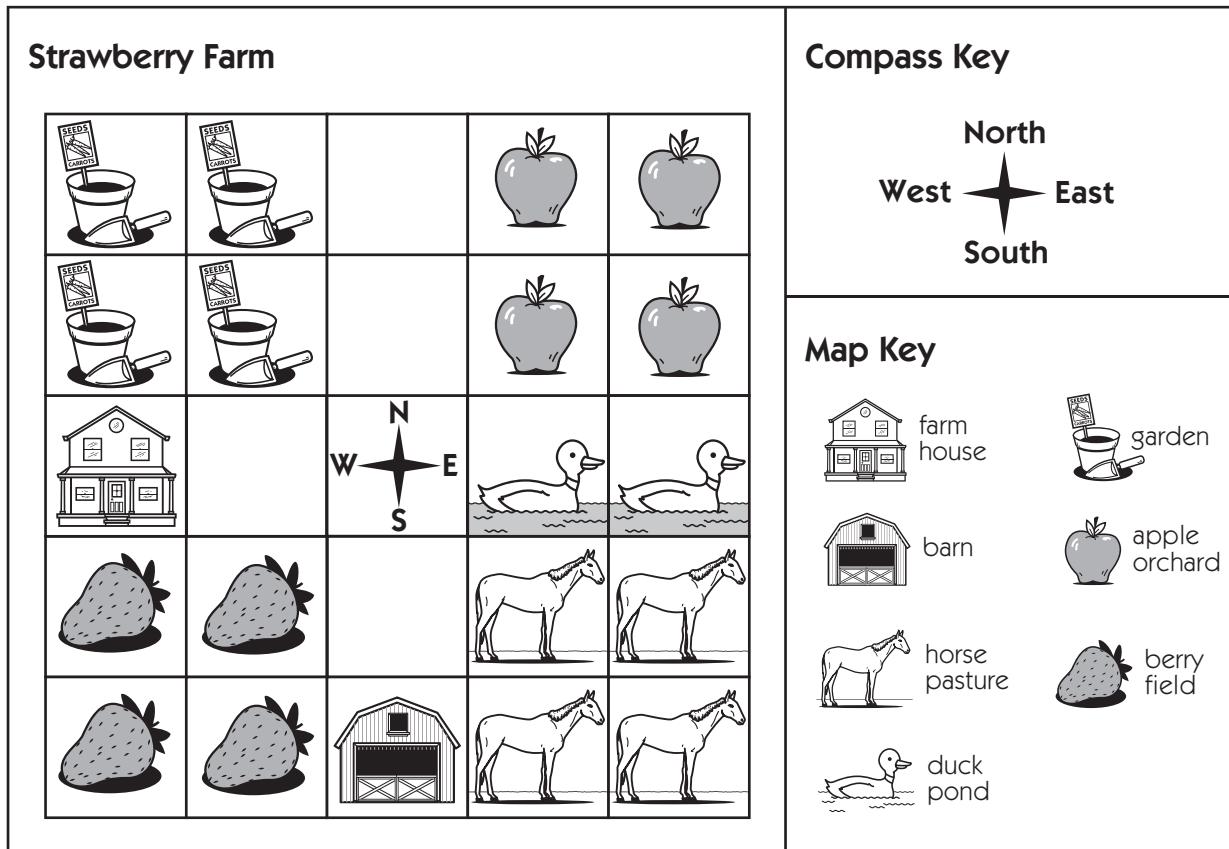
**3**  $5 + 5$  is one way to make 10.  $12 - 2$  is another way to make 10. Think of some other ways to make 10. Write at least 10 different ways to make 10 in the box.

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# North, South, East & West on the Farm

Here is a map of Strawberry Farm.



- 1 Andy is standing in the middle square with his compass. Which way will he have to walk to get to the farm house? Circle the answer.

North

South

East

West

- 2 Ann is standing in the middle square with her compass. Which way will she have to walk to get to the barn? Circle the answer.

North

South

East

West

- 3 Grandma is in the apple orchard. Which way will she have to walk to get to the horse pasture? Circle the answer.

North

South

East

West

- 4 Grandpa is in the house. Which way will he have to walk to get to the duck pond? Circle the answer.

North

South

East

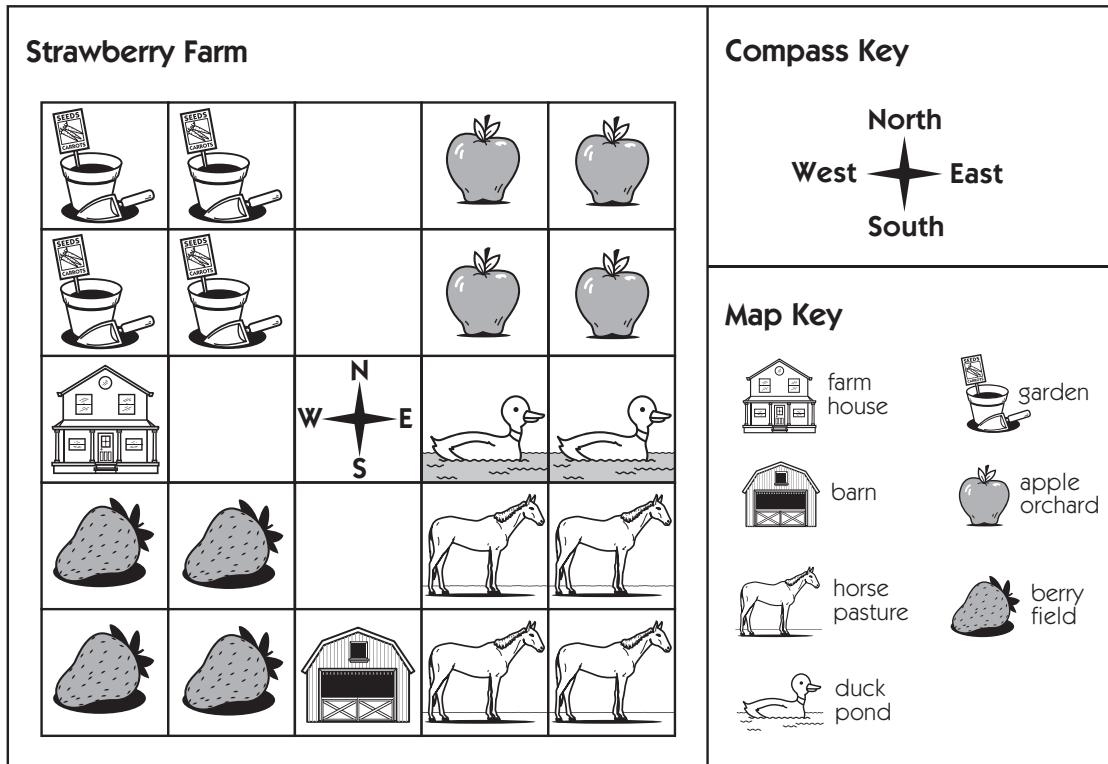
West

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# A Visit to Strawberry Farm

The first graders are going on a trip to Strawberry Farm. Read the map to help them find their way around.



- 1 The class started at the farm house. They walked 1 square south. Where were they then? Circle the answer.



- 2 The class went to the barn. Then they walked 4 squares north and 1 square east. Where were they then? Circle the answer.



- 3 The kids are in the horse pasture. They want to get to the duck pond. Which direction do they have to walk?

North

South

East

West

- 4 The kids are in the apple orchard. They want to get to the garden. Which direction do they have to walk?

North

South

East

West

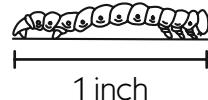
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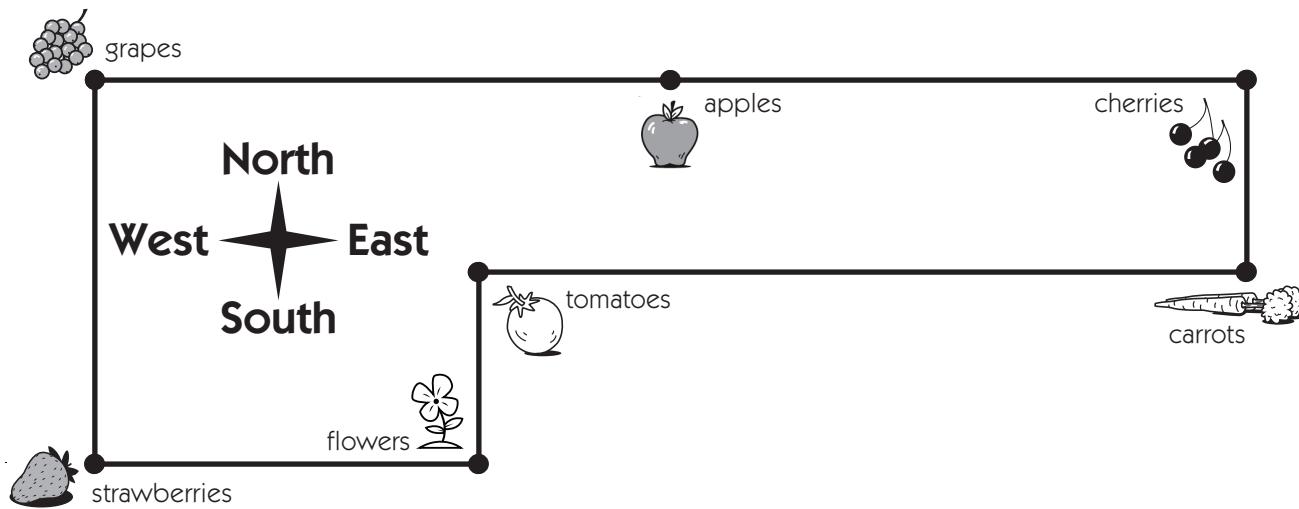
# Little Inchworm's Garden

- 1** Little Inchworm is 1 inch long. Find something in your room that is about 1 inch long.

A \_\_\_\_\_ is about 1 inch long.



- 2** Use your 1 inch measure to help find out about how many inches Little Inchworm has to crawl to get from one part of his garden to another. Tell what direction he has to crawl. Sometimes he will have to go one direction and then another. He has to stay on the paths.



From	To	How Many Inches?	What Direction(s)?
a			
b			
c			
d			
e			

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Half Dollars



This is a half dollar. It is worth 50 cents. People write 50¢ or \$0.50 to show its value.

**1** How many pennies does it take to make a half dollar? \_\_\_\_\_



**2** How many nickels does it take to make a half dollar? \_\_\_\_\_



Show your work.

**3** How many dimes does it take to make a half dollar? \_\_\_\_\_



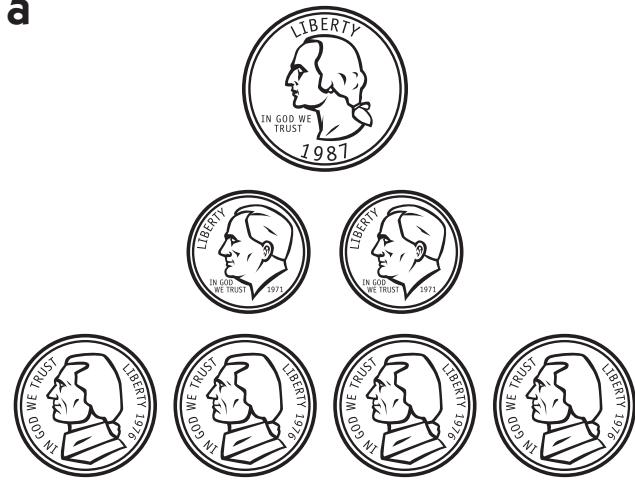
Show your work.

**4** How many quarters does it take to make a half dollar? \_\_\_\_\_



Show your work.

**5** In each box, circle the coins you need to make 50¢.

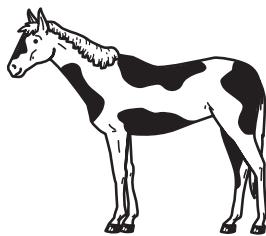
**a****b****c**

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Horses, Land & Fences

Price List	
Horses	\$11 each
Land Squares	\$10 each
Linear Units of Fence	\$1 each



- 1** Your grandparents bought 2 horses. If they lay out their land squares in a long  $1 \times 12$  rectangle, what will their total cost be for the land, horses and fencing? Show your work.


Their total cost will be \_\_\_\_\_.

- 2** Your grandparents bought 2 horses. If they lay out their land squares in a  $3 \times 4$  rectangle, what will their total cost be for the land, horses and fencing? Show your work.

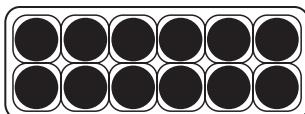
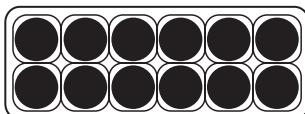

Their total cost will be \_\_\_\_\_.

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Selling Your Farm Products

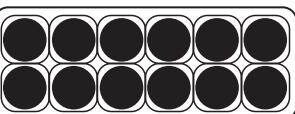
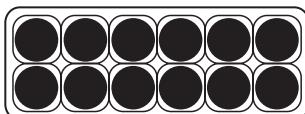
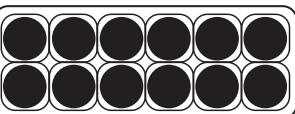
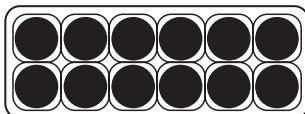
- 1** Your hens are laying lots of eggs. Your neighbor bought two dozen eggs. How many eggs did she buy? Show how you figured it out.



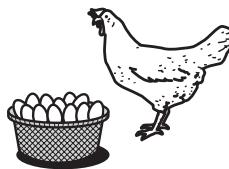
She bought \_\_\_\_\_ eggs.



- 2** Another neighbor bought four dozen eggs. How many eggs did she buy? Show how you figured it out.



She bought \_\_\_\_\_ eggs.



- 3** Your apples are ripe. You are selling them for 25¢ each. Fill in the boxes below to show what you'll charge for 1, 2, 3 or 4 apples:

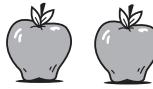
Number of Apples

one

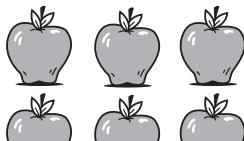


Price

two




three




four



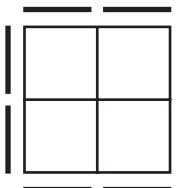
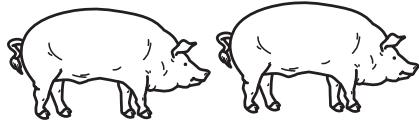
NAME \_\_\_\_\_

DATE \_\_\_\_\_

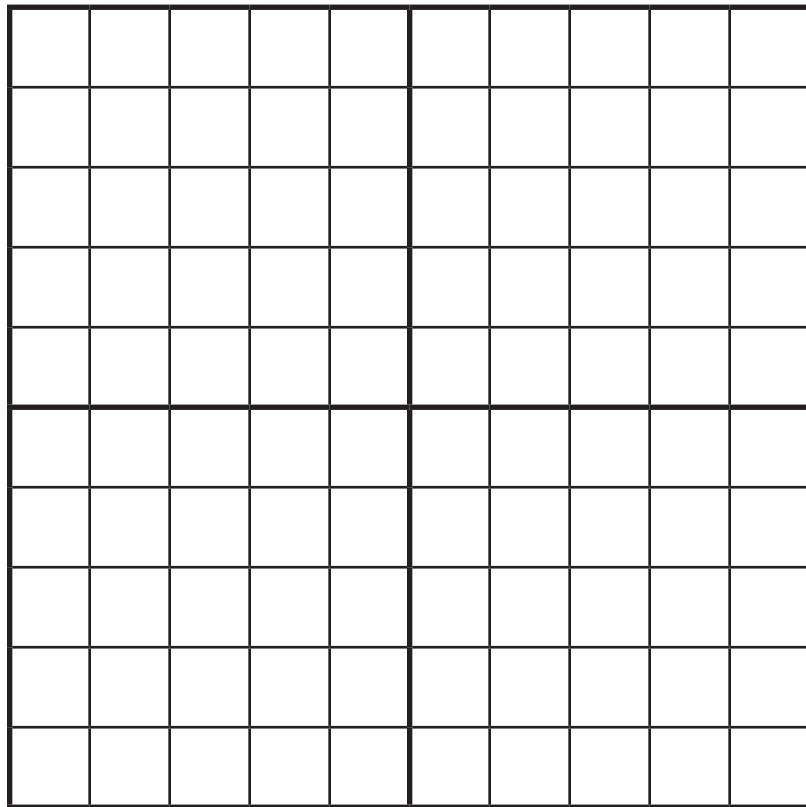
# Computation on a Number Chart

Price List	
Pigs	\$9 each
Land Squares	\$10 each
Linear Units of Fence	\$1 each

You bought 2 pigs, 4 land squares and 8 linear units of fence.



- 1** Color in the Number Chart to show how much you spent.



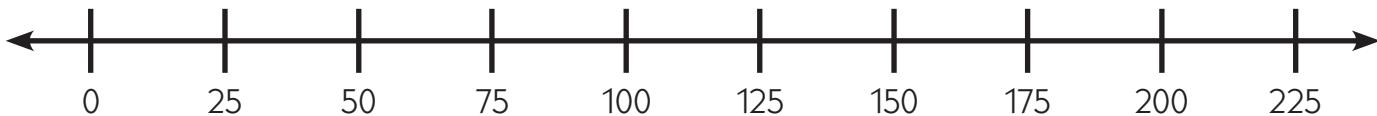
- 2** I spent \$ \_\_\_\_\_ for my pigs, land and fence.

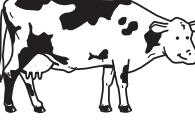
NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Daily Milk Production

- 1** “Best” cows produce 25 gallons of milk per day. Use the number line below to help you fill in the chart and solve the problems below:



	One	_____ gallons
	Two	_____ gallons
	Three	_____ gallons
	Four	_____ gallons

- 2** Solve the problems below. Remember to show your work.

a How many gallons can 6 “best” cows produce each day?	_____ gallons
b How many gallons would 8 “best” cows produce each day?	_____ gallons