Think Academy

Monthly Challenge

• December • Grade 2

Think Academy

G2 Practice Problems

Numbers & Operations

1 Do you know how to solve $326 + 588$ using column addition?

2 Do you know how to solve $800 - 695$ using column subtraction?

3 Do you know how to solve $417 - 223$ using column subtraction?

4 Calculate:

(1) $32 \div 8 =$ _____

(2) $4 \times 9 =$ _____

(3) $16 \div 4 =$ _____

(4) $0 \div 8 =$ _____

(5) $6 \times 8 =$ _____

5 Calculate:

(1) $8 \div 8 =$ _____

(2) $9 \times 5 =$ _____

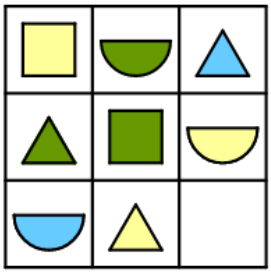
(3) $42 \div 6 =$ _____

(4) $49 \div 7 =$ _____

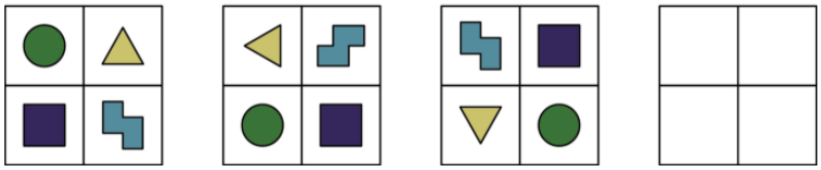
(5) $9 \times 8 =$ _____

Geometry

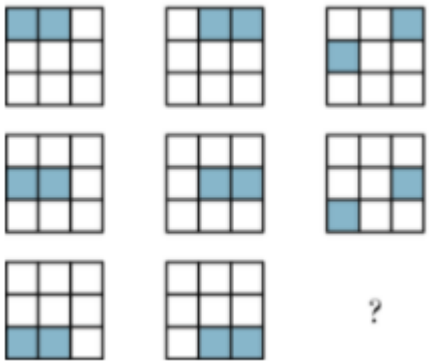
1 According to the pattern, draw the figure in the blank.



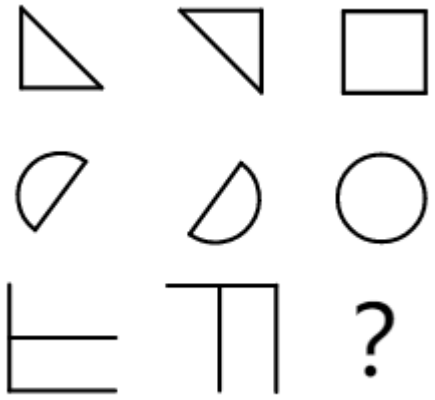
2 According to the pattern, draw the figures in the blanks.



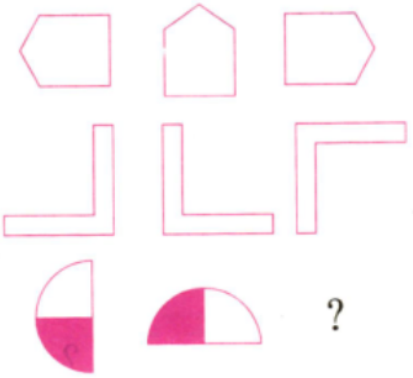
3 According to the pattern, draw the figure in the blank.



4 According to the pattern, draw the figure in the blank.

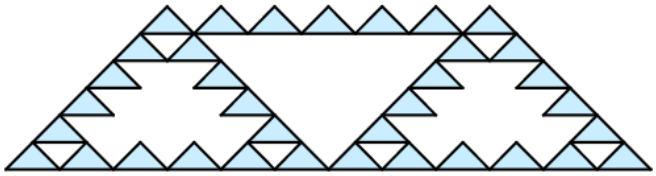


5 According to the pattern, draw the next figure in the blank.

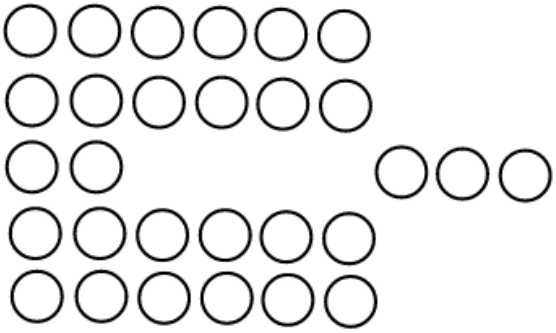


6 How many stars are there in the figure?

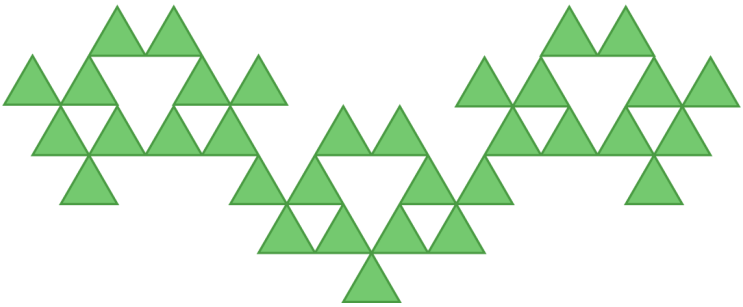
7 How many △ are there in the figure?



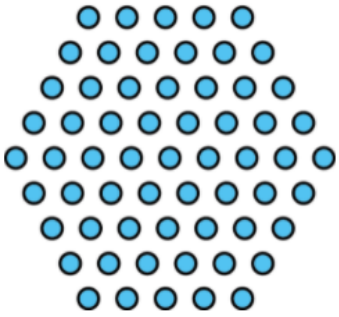
8 How many circles are there in the figure?



9 How many triangles are there in the figure?

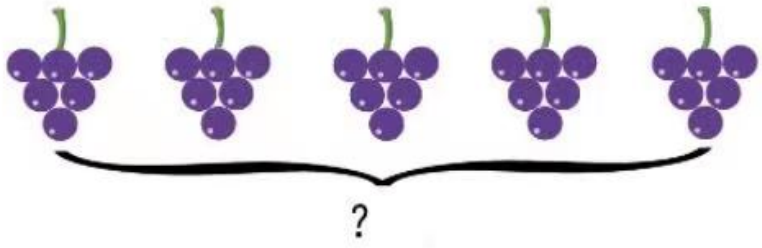


10 How many circles are there in the figure?



Word Problems

1 There are _____ grapes in total.



A. 18 B. 24 C. 30 D. 36

2 There are 45 strawberries. Give each person 5 strawberries. How many people can get strawberries?

3 June reads 8 pages before going to bed every day. She has read 72 pages. How many days has June read?

A. 7 B. 8 C. 9 D. 10

4 Nick picked up 36 stones, which were placed equallyin 4 bags, with _____ stones in each bag.

A. 6 B. 7 C. 8 D. 9

5 Three eggs can make 2 packets of biscuits. How many eggs do you need to make 12 packets of biscuits?

6 In a speech contest, Ricky was the seventh to give a speech. How many children are there in front of him?

7 Betty is in a line. The line is so long that there are 6 people in front of her and 19 people behind her. There are _____ people in the line.

8 There are some children standing in a line. Tom is the sixth from the left and the third from the right. There are _____ children in the line.

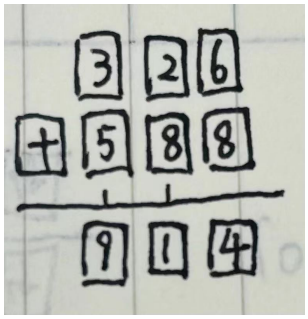
9 21 children lined up to get on the school bus. There are 11 children behind Clara. How many children are there in front of her?

10 16 students line up. Sam is the eleventh from left to right. What's his number from right to left?

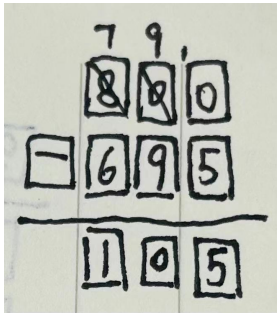
G2 Practice Problems

Numbers & Operations

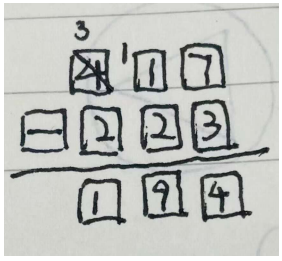
1



2



3



4 (1) 4

(2) 36

(3) 4

(4) 0

(5) 48

5 (1) 1

(2) 45

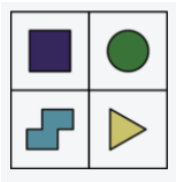
(3) 7

(4) 7

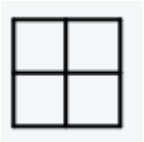
(5) 72

Geometry

1 

2 

3 

4 

5 

6 15

7 35

8 29

9 33

10 61

Word Problems

1 C

2 9

3 C 4 D

5 18

6 6

7 26

8 8

9 9

10 6

Think Academy

For challenge problem analysis, please visit our YouTube channel.

G2 Challenge Problems

1 The perimeter of the rectangular photo frame is 24 inches. The rectangular frame is 5 inches wide.

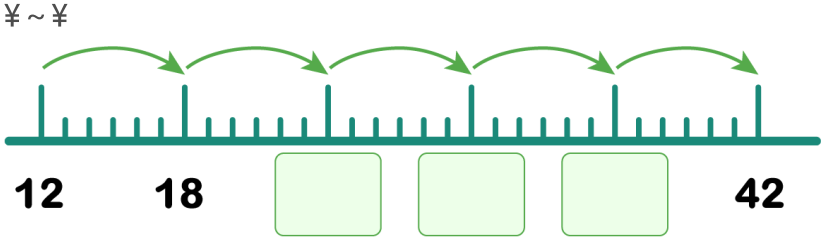
(1) One length and one width of this rectangular frame are _____ inches in total.

(2) The length of this rectangular frame is _____ inches.

2 Jack and Allen are in a line. Jack is in front of Allen and there are 10 people counting from Jack to Allen. Jack is the 8^{th} person counting from front to back and Allen is the 7^{th} person counting from back to front. There are _____ people in the line.

3 Find the patterns and fill in the blanks.

¥ ~ ¥



4 Find the patterns and fill in the blanks.

5 Calculate:

(1) $22 \div 3 =$ _____ R _____

(2) $34 \div 4 =$ _____ R _____

(3) $42 \div 5 =$ _____ R _____

(4) $68 \div 9 =$ _____ R _____

Think Academy

G2 Challenge Problems

For challenge problem analysis, please visit our YouTube channel.

1 1:12

2:7

2 23

3 24; 30; 36

4 7700; 8000; 8200

5 (1) 1:7

2:1

(2) 1:8

2:2

(3) 1:8

2:2

(4) 1:7

2:5


Think Academy