Think Academy

Monthly Challenge

• October • Grade 2

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G2 Practice Problems

Numbers and Operations

1 Do you know how to solve $806 + 95$ using column addition?

2 Do you know how to solve $900 - 405$ using column subtraction?

3 Do you know how to solve $574 - 390$ using column subtraction?

4 Calculate:

(1) $72 \div 8 =$ _____ .

(2) $6 \times 7 =$ _____ .

(3) $16 \div 4 =$ _____ .

(4) $36 \div 6 =$ _____ .

(5) $9 \times 5 =$ _____ .

5 Calculate:

(1) $12 \div 6 =$ _____ .

(2) $9 \times 4 =$ _____ .

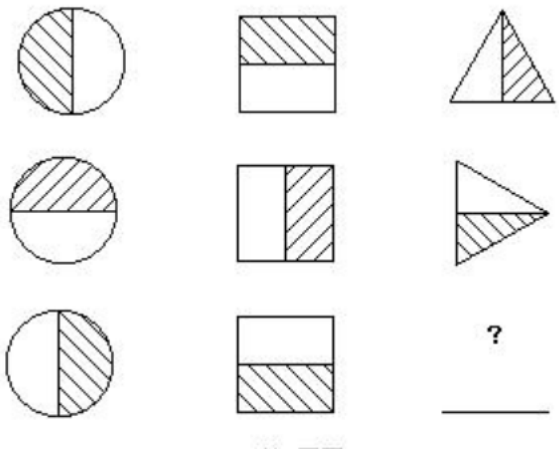
(3) $30 \div 5 =$ _____ .

(4) $48 \div 6 =$ _____ .

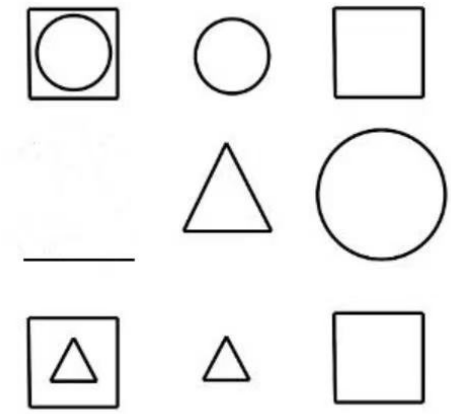
(5) $5 \times 5 =$ _____ .

Geometry

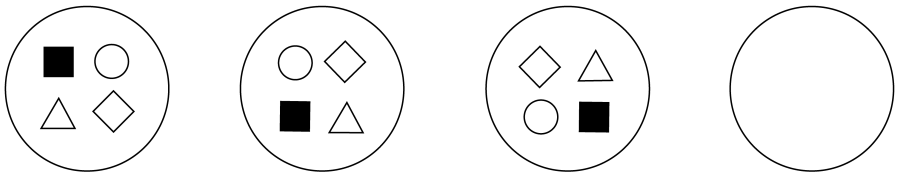
1 According to the pattern, draw the figure in the blank.



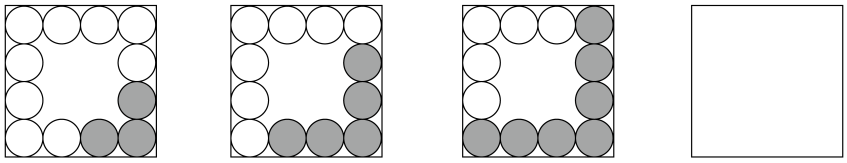
2 According to the pattern, draw the figure in the blank.



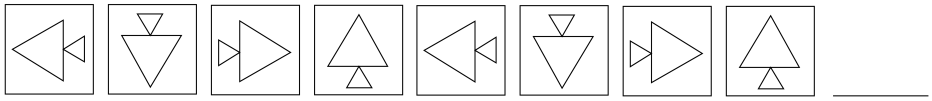
3 According to the pattern, complete the last figure.



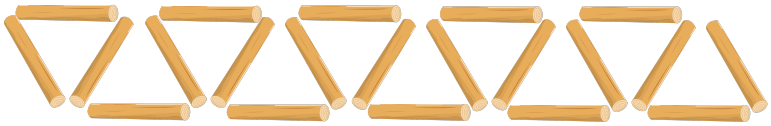
4 According to the pattern, complete the last figure.



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



6 How many wooden sticks are there in the figure?



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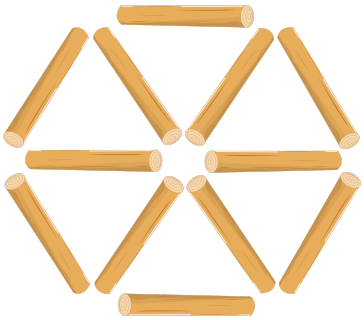
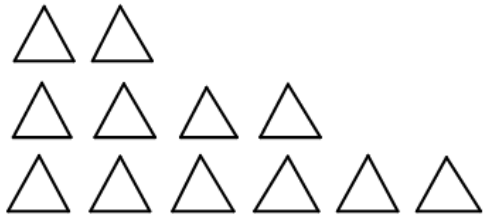
7 How many wooden sticks are there in the figure?



8 How many triangles are there in the figure?

9 How many stars are there in the figure?

10 How many triangles are there in the figure?



Word Problems

1 Bob eats 2 apples each day. How many apples does he eat in a week?

A. 8 B. 10 C. 12 D. 14

2 Alice buys 4 pencils each day. How many pencils does she buy in total in 5 days?

A. 16 B. 20 C. 24 D. 28

3 30 students participate in an activity. Every 6 students can be divided into a group. How many groups can they be divided into?

4 The teacher takes 7 students to the cinema and watch the movie together. The teacher pays a total of 72 dollars for the tickets. How much does each movie ticket cost?

5 Mr.Monkey eats 42 peaches in 7 days and he eats the same amount of peaches everyday. How many peaches does Mr.Monkey eat in each day?

A. 2 B. 4 C. 6 D. 14

6 Jony is in a line to buy movie tickets. The line is so long that there are 10 people in front of him and 6 people behind him. There are _____ people in the line.

7 There are some children standing in a line. Amy is the fifth counting from the left and the third counting from the right. There are _____ children in the line.

8 8 students line up. Mark is the third counting from left to right. What is his position counting from right to left?

9 In a show, Justin was the fourth to act. How many children acted before him?

10 15 children line up to visit the science museum. There are 8 children behind Jessica. How many children are there in front of her?

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G2 Practice Problems

Numbers and Operations

1

$$\begin{array}{r} {\scriptstyle 1}\quad\ {\scriptstyle 1} \\ 806 \\ +\ 95 \\ \hline 901 \end{array}$$

2

$$\begin{array}{r} {\scriptstyle 8}\ {\scriptstyle 9}\ {\scriptstyle 1} \\ \cancel{9}\ \cancel{0}\ 0 \\ -\ 405 \\ \hline 495 \end{array}$$

3

$$\begin{array}{r} {\scriptstyle 4}\ {\scriptstyle 1} \\ \cancel{5}\ 74 \\ -\ 390 \\ \hline 184 \end{array}$$

4 (1) 9

(2) 42

(3) 4

(4) 6

(5) 45

5 (1) 2

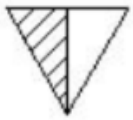
(2) 36

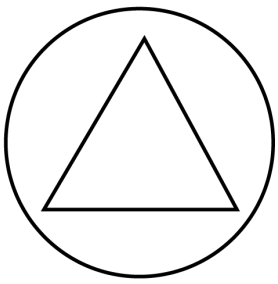
(3) 6

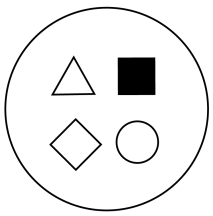
(4) 8

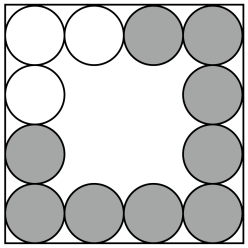
(5) 25

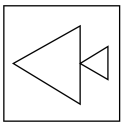
Geometry

1 

2 

3 

4 

5 

6 21

7 12

8 36

9 25

10 12

Word Problems

1 D 2 B

3 5

4 9 dollars

5 C

6 17

7 7

8 6

9 3

10 6

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For challenge problem analysis, please visit our YouTube channel.

G2 Challenge Problems

1 Count the number.

(1) How many stars are there in total?

Use addition to find the answer:

Use multiplication to find the answer:

(2) How many smiling faces are there in total?

Use addition to find the answer:

Use multiplication to find the answer:

2 Calculate:

(1) $221 - 36 - 64 =$ _____ .

(2) $173 - 72 - 28 =$ _____ .

(3) $139 - 17 - 83 =$ _____ .

3 Calculate:

(1) $78 - (18 + 46) =$ _____ .

(2) $81 - (31 + 25) =$ _____ .

(3) $149 - (28 + 79) =$ _____ .

4 Observe the pictures below. Fill in the blanks with the appropriate numbers and make the expressions true.

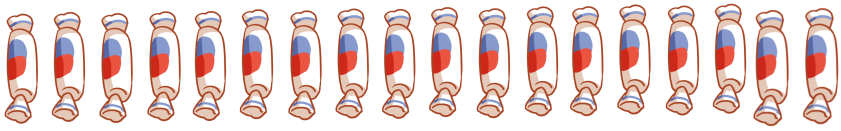
(1) 

There are _____ apples in total. If we divide them equally among 2 plates, there will be _____ apples on each plate.

_____ $\div$ _____ $=$ _____ .

There are _____ apples in total. If we put 4 apples on each plate, we need _____ plates in total.

_____ $\div$ _____ $=$ _____ .

(2) 

There are _____ pieces of candy in total. If we divide them equally among 3 children, each child can get _____ pieces of candy.

_____ $\div$ _____ $=$ _____ .

There are _____ pieces of candy in total. If we give each child 6 pieces of candy as a gift, _____ children can get gifts.

_____ $\div$ _____ $=$ _____ .

5 Calculate:

(1) (1) $7 \times 9 =$ _____ .

(2) $9 \times 7 =$ _____ .

(3) $63 \div 7 =$ _____ .

(4) $63 \div 9 =$ _____ .

(2) (1) $35 \div 5 =$ _____ .

(2) $36 \div 4 =$ _____ .

(3) $49 \div 7 =$ _____ .

(4) $54 \div 9 =$ _____ .

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G2 Challenge Problems

For challenge problem analysis, please visit our YouTube channel.

1 (1) $3+3+3+3+3=15$ or $5+5+5=15$; $3\times5=15$ or $5\times3=15$.

(2) $8+8+8+8=32$ or $4+4+4+4+4+4+4+4=32$; $4\times8=32$ or $8\times4=32$.

2 (1) : 121

(2) : 73

(3) : 39

3 (1) : 14

(2) : 25

(3) : 42

4 (1) 1:16

2:8

3:16

4:2

5:8

6:16

7:4

8:16

9:4

10:4

(2) 1:18

2:6

3:18

4:3

5:6

6:18

7:3

8:18

9:6

10:3

5 (1) (1): 63

(2): 63

(3): 9

(4): 7

(2) (1): 7

(2): 9

(3): 7

(4): 6


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