

Math Puzzles: Grades 1 and 2, Set B

Name: _____

Think it through. There is one answer to every puzzle.

Picture equations

In each puzzle, every picture is a different number. The same picture is always the same number.

$$\text{Cookie} + \text{Cookie} = 12$$

$$\text{Cookie} + \text{Duck} = 10$$

$$\text{Cookie} = \underline{\hspace{2cm}}$$

$$\text{Duck} = \underline{\hspace{2cm}}$$

$$\text{Frog} + \text{Frog} + \text{Frog} = 15$$

$$\text{Frog} + \text{Car} = 8$$

$$\text{Frog} = \underline{\hspace{2cm}}$$

$$\text{Car} = \underline{\hspace{2cm}}$$

What is my number?

I am thinking of a number. If I add 9 to it, I get 17.

My number is _____

I am thinking of a number. If I take away 8, I get 6.

My number is _____

I am thinking of a number. If I add my number to itself, I get 14.



My number is _____

How many of each?

Sam counts 6 animals on a farm. Some are chickens and some are dogs. He counts 16 legs in all. How many dogs does he count?



2 legs



4 legs

Answer: _____ dogs

Try it in the table. The first row is done.

Chickens	Dogs	Legs
6	0	12

What comes next?

5

10

15

20

30

26

22

18



3

4

6

9

13

Math Puzzles: Grades 1 and 2, Set B (Answer Key)

Think it through. There is one answer to every puzzle.

Picture equations

In each puzzle, every picture is a different number. The same picture is always the same number.

$$\text{Cookie} + \text{Cookie} = 12$$

$$\text{Cookie} + \text{Duck} = 10$$

$$\text{Cookie} = \underline{6}$$

$$\text{Duck} = \underline{4}$$

$$\text{Frog} + \text{Frog} + \text{Frog} = 15$$

$$\text{Frog} + \text{Car} = 8$$

$$\text{Frog} = \underline{5}$$

$$\text{Car} = \underline{3}$$

What is my number?

I am thinking of a number. If I add 9 to it, I get 17.

My number is 8

I am thinking of a number. If I take away 8, I get 6.

My number is 14

I am thinking of a number. If I add my number to itself, I get 14.



My number is 7

How many of each?

Sam counts 6 animals on a farm. Some are chickens and some are dogs. He counts 16 legs in all. How many dogs does he count?



2 legs



4 legs

Answer: 2 dogs

Try it in the table. The first row is done.

Chickens	Dogs	Legs
6	0	12
4	2	16

What comes next?

5

10

15

20

25

30

30

26

22

18

14

10



3

4

6

9

13

18

24