

Math Puzzles: Grades 1 and 2, Set A

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.

 +  = 8

 +  = 7

 = _____

 = _____

 +  +  = 9

 +  = 10

 = _____

 = _____

What is my number?

I am thinking of a number. If I add 6 to it, I get 14.

My number is _____

I am thinking of a number. If I take away 5, I get 7.

My number is _____

I am thinking of a number.  If I double it, I get 18.

My number is _____

How many of each?

Mia sees 5 animals in the yard. Some are ducks and some are cats. She counts 14 legs in all. How many cats does she see?

 2 legs

 4 legs

Answer: _____ cats

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

Ducks	Cats	Legs
5	0	10

What comes next?

2

4

6

8

20

17

14

11



1

2

4

7

11

Math Puzzles: Grades 1 and 2, Set A (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.

$$\text{Apple} + \text{Apple} = 8$$

$$\text{Apple} + \text{Fish} = 7$$

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

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

$$\text{Kite} + \text{Kite} + \text{Kite} = 9$$

$$\text{Kite} + \text{Balloons} = 10$$

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

$$\text{Balloons} = \underline{7}$$

What is my number?

I am thinking of a number. If I add 6 to it, I get 14.

My number is 8

I am thinking of a number. If I take away 5, I get 7.

My number is 12

I am thinking of a number. If I double it, I get 18. ★

My number is 9

How many of each?

Mia sees 5 animals in the yard. Some are ducks and some are cats. She counts 14 legs in all. How many cats does she see?



2 legs



4 legs

Answer: 2 cats

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

Ducks	Cats	Legs
5	0	10
3	2	14

What comes next?

2

4

6

8

10

12

20

17

14

11

8

5



1

2

4

7

11

16

22