

Name _____

Algebra • Equal and Not Equal

An equal sign means both sides are the same.

$$4 + 4 = 8 - 0$$

THINK

$$4 + 4 = 8 \text{ and } 8 - 0 = 8.$$

Is 8 the same as 8?

y e s

It is true.

$$5 + 2 = 7 - 2$$

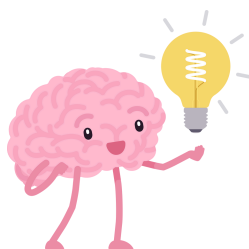
THINK

$$5 + 2 = 7 \text{ and } 7 - 2 = 5.$$

Is 7 the same as 5?

n o

It is false.



Which is true? Circle your answer.

Which is false? Cross out your answer.

1. $8 - 6 = 6 - 3$

2. $1 + 8 = 18$

$$9 - 9 = 7 - 7$$

$$2 + 9 = 8 + 3$$

3. $5 + 4 = 8 + 1$

4. $10 - 1 = 10 + 1$

$$8 + 4 = 9 + 5$$

$$12 = 14 - 2$$

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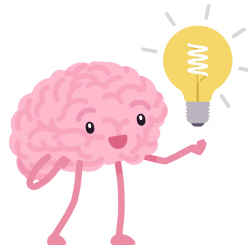
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Shape Number Code

Draw the shape to make each number sentence true.

Shape Code

▲ stands for 8

● stands for 5

■ stands for 4

♥ stands for 2

1. $10 + 2 = \underline{\quad} + \underline{\quad}$ 2. $15 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

3. $6 + \underline{\quad} = 8 - 0$ 4. $\underline{\quad} - \underline{\quad} = 3 + \underline{\quad}$

5. $12 = 6 + \underline{\quad} + \underline{\quad}$ 6. $8 + \underline{\quad} = 15 - \underline{\quad}$



Writing and Reasoning Explain how you chose the shapes for Exercise 5.

Shape Number Code

Draw the shape to make each number sentence true.

Shape Code	
▲ stands for 8	● stands for 5
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5. $12 = 6 + \underline{\quad} + \underline{\quad}$ 6. $8 + \underline{\quad} = 15 - \underline{\quad}$



Writing and Reasoning Explain how you chose the shapes for Exercise 5.

Possible answer: I know that I can make a 12 using
 $10 + 2$. So I first added 4 to 6 to make a 10 then
 added 2 more.