

True or False?

- Copy each of the equations into your journal as your teacher shows them to you.
- Write a T beside the equation if you think it's true and an F if you think it's false.
- If there are any missing numbers, fill them in to make the equation true.

1 $10 = 2 \times 5$ True or False?

2 $3 \times 4 = 4 \times 3$ True or False?

3 $4 \times 5 = 10 \times 3$ True or False?

4 $2 \times 6 = 3 \times 4$ True or False?

5 $15 \div 3 = 2 \times 4$ True or False?

6 $2 \times 2 = 10 \div 2$ True or False?

7 $10 \div 2 = 15 \div 3$ True or False?

8 $2 + 4 = 6 + 9 = 15$ True or False?

9 $14 = 2 \times \square$

10 $12 \div 2 = 2 \times \square$

11 $1 \times \square = 14 \div 2$

12 $2 \times \square = \square$

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1 Read each of the equations below. If it is true, circle the T. If it is false, circle the F.

a $18 = 9 \times 2$ T F **e** $5 = 10 \div 2$ T F

b $6 \times 10 = 12$ T F **f** $3 \times 2 = 12 \div 2$ T F

c $2 \times 4 = 4 \times 2$ T F **g** $2 \times 3 = 6 \times 5 = 30$ T F

d $2 \times 8 = 4 \times 4$ T F **h** $100 \div 2 = 25 \times 2$ T F

2 Fill in the missing numbers to make each equation true.

a $16 = 4 \times \square$

g $25 \div 1 = \square$

b $2 \times \square = 4 \times 5$

h $60 = \square \times 6$

c $\square \times 10 = 30$

i $36 \div 3 = 6 \times \square$

d $12 \div 2 = \square$

j $18 \div 2 = \square \times 3$

e $20 \div \square = 4$

k $10 \times 10 = 50 \times \square$

f $\square \div 5 = 5$

l $10 \times 10 = 25 \times \square$

NAME _____



Number Puzzles page 2 of 2

3 Sara has 3 bags of shells. Each bag has 10 shells in it. Her brother Max has 5 bags of shells. Each bag has 6 shells in it.

Do Sara and Max have the same number of shells? _____

Use labeled sketches, numbers, and/or words to prove your answer.

4 Jan and Jess split 10 dollars evenly. Jody, Jamal, and Jasmin split 12 dollars evenly.

Did all the kids get the same amount of money? _____

Use labeled sketches, numbers, and/or words to prove your answer.

5 Write a word problem to go with each of the equations below.

a $3 \times 5 = 15$

b $20 \div 4 = 5$