

Name _____

Date _____

Multiplication and Division Equations - Guided Lesson Explanation

Explanation to #1

Step 1) Identify what is being asked of you.

"Complete the division sentence."

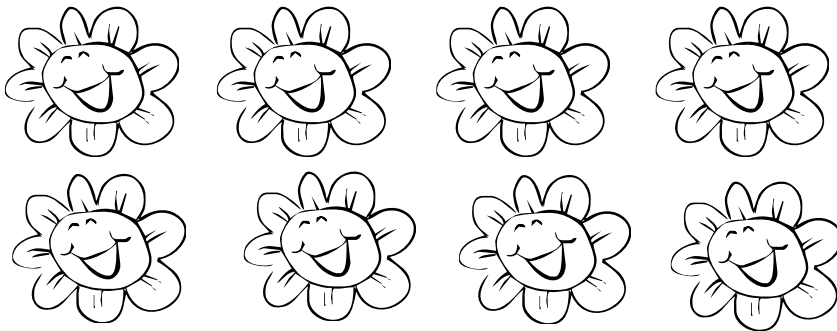
Step 2) Decide which number makes the division sentence true. We can replace the unknown value with the variable y .

Then $64 \div y = 8$

Or we can think of a division fact or we can divide to find the answer.

The division fact is:

$$64 \div \underline{8} = 8$$



The division sentence is $64 \div 8 = 8$

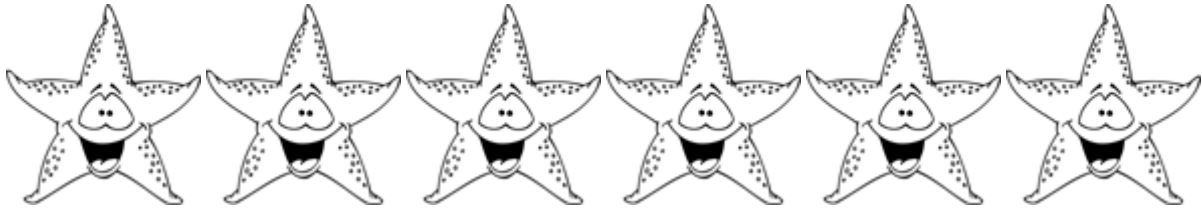
So, $y = 8$.



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Explanation to #2



We can suppose that the variable t is the unknown number.

$$\text{Then } 6 \div t = 3$$

We can use a multiplication fact.

Or we can list multiplication facts of 3 until we reach 6.

$$3 \times 1 = 3$$

$$3 \times 2 = 6$$

So , 3 groups of 2 are 6.

Explanation to #3

Decide which number makes the division sentence true. We can suppose that r is the unknown number.

$$\text{Then } 35 \div r = 7$$



We can think of a division fact or we can divide to find the answer.

The division is fact is:

$$35 \div \underline{5} = 7$$

The division sentence is $35 \div 5 = 7$ and the value of r is 7.

