

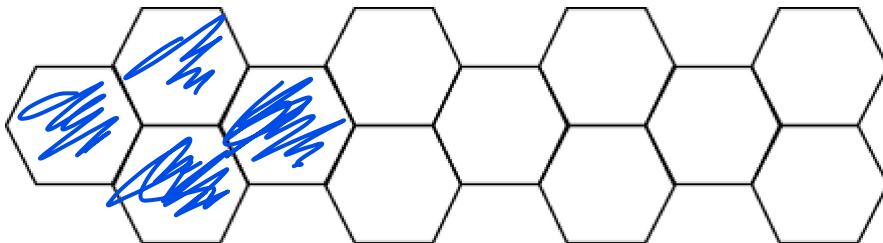
Date: _____

Chapter 15, Lesson A: Find Fractions of Numbers (15.A.1)

Q1. There are 12 hexagons in the figure below.

Shade $\frac{1}{3}$ of the 12 figure.

$$\frac{1}{3} \text{ of } 12 = 12 \div 3 = 4$$



Q2. " $\frac{1}{10}$ of 100 is 1."

$$\frac{1}{10} \text{ of } 100 = 100 \div 10 = 10$$

The statement is incorrect.

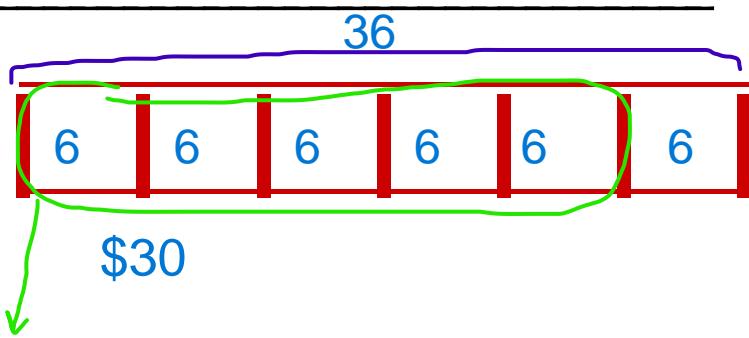
Correct it.

$$\frac{1}{10} \text{ of } 100 \text{ is } 10$$

Q3. What is $\frac{5}{6}$ of \$36?

$$36 \div 6 = 6$$

$$5 \times 6 = 30$$



Q4. Uma has a 40 cm pole.

She paints $\frac{1}{4}$ of 40 of it red and some parts of it yellow.

$\frac{1}{2}$ of 40 of the pole is not painted.

- Show that the amount of red paint used is the same as the amount of yellow paint used.

red: $\frac{1}{4}$ of 40 = $40 \div 4 = 10$ cm

not painted: $\frac{1}{2}$ of 40 = $40 \div 2 = 20$ cm

all the pole is 40 cm

$40 - 10 = 30$ cm

$30 - 20 = 10$ cm

10 cm is the yellow part

Q5. Jane baked 14 ^{total} cookies.

She gave $\frac{1}{2}$ of 14 to her neighbors.

How many cookies did she give away?

$\frac{1}{2}$ of 14 = $14 \div 2 = 7$



7 cookies

Q6. $\frac{1}{2}$ of a number is 9.



What is the number? 18

$$9 \times 2 = 18$$

Q7. $\frac{1}{3}$ of a number is 22.



What is the number?

$$66$$

$$22 \times 3 = 66$$

Q8. $\frac{1}{4}$ of a number is 15.



What is the number?

$$60$$

$$15 \times 4 = 60$$

Q9. $\frac{1}{5}$ of a number is 12.



What is the number?

$$60$$

$$12 \times 5 = 60$$



Q10. $\frac{1}{10}$ of a number is 1.

What is the number?

$$10$$

$$1 \times 10 = 10$$