

**Grade:** 5**Category:** Fractions (Division)**Sub Category:** Word problems (fraction multiplication)**Worksheet #:** 74Q

1. Mary baked 12 large cupcakes. Each cupcake weighed  $\frac{3}{15}$  pounds. What is the total weight of all the cupcakes baked?
2. John used  $\frac{3}{15}$  pounds of milk for making a pancake. He makes 2 batches of pancakes. Each batch had 10 pancakes. How much milk was required to make all the pancakes?
3. Jane cut a piece of rope of meters length. What should be the length of the rope for cutting 11 such pieces?
4. Vinnie writes a full page in her notebook in  $\frac{3}{60}$  hours. How much will be required to write 10 full pages?
5. The cost of a pen is  $\$ \frac{2}{15}$ . What will be the cost for buying 15 pens?

Grade: 5

Category: Fractions (Division)

Sub Category: Word problems (fraction multiplication)

Worksheet #: 74A

1. Weight of all the 12 cupcakes =  $\frac{3}{15} \times 12 = \frac{12}{5} = 2\frac{2}{5}$  pounds.

Ans. *Weight of all the 12 cupcakes baked is  $2\frac{2}{5}$  pounds.*

2. Milk required to make  $(10 \times 2)$  pancakes =  $\frac{3}{15} \times 20 = 4$  pounds.

Ans. *Milk required to make 20 pancakes = 4 pounds.*

3. Length of rope required to cut 11 pieces =  $\frac{1}{15} \times 11 = \frac{11}{15}$  metres.

Ans. *Length of rope required to cut 11 pieces =  $\frac{11}{15}$  metres.*

4. Time required to write 10 full pages =  $\frac{3}{60} \times 10 = \frac{1}{2}$  hours.

Ans. *Vinnie requires  $\frac{1}{2}$  hour to write 10 full pages.*

5. Cost for buying 15 pens =  $\frac{2}{15} \times 15 = \$2$ .

Ans. *The cost of buying 15 pens = \$2*