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 metres 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$