

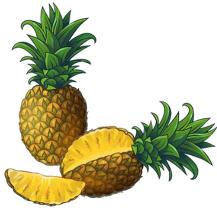
## Multiplying fractions by whole numbers

Grade 4 Word Problems Worksheet

1. Within a minute, Miguel can eat  $\frac{2}{5}$  of a small watermelon. How many small watermelons could be eat in 5 minutes?

2. If a large pineapple can produce  $\frac{3}{7}$  liters of fresh pineapple juice, how many liters of pineapple juice could 7 large pineapples produce?

3. John spent  $\frac{2}{9}$  hours peeling a pineapple and  $\frac{2}{3}$  hours making a pineapple shake. How many hours would it take for John to peel 18 pineapples?





4. Mom uses  $\frac{4}{7}$  of a basket of apples and  $\frac{2}{3}$  packs of sugar to make an apple pie. How many baskets of apples would she need to make 8 apple pies?

5. If a fruit cake needs  $\frac{3}{4}$  of a carton of all-purpose cream and  $\frac{2}{3}$  of a carton of condensed milk to make, how many cartons of all-purpose cream does Grandma need to buy to make 5 fruit cakes?

6. A new baker can bake  $\frac{2}{7}$  of a cake in an hour. How many cakes could he bake in 8 hours?



## **Answers**

- 1.  $\frac{2}{5} \times 5 = 2$  Miguel could eat 2 small watermelons in 5 minutes.
- 2.  $\frac{3}{7} \times 7 = 3$ 7 large pineapples could produce 3 liters of pineapple juice.
- 3.  $\frac{2}{9} \times 18 = 4$ It would take John 4 hours to peel 18 pineapples.
- 4.  $\frac{4}{7} \times 8 = \frac{32}{7} = 4\frac{4}{7}$ 4  $\frac{4}{7}$  is between 4 and 5. So, mom would need 5 baskets of apples.
- 5.  $\frac{3}{4} \times 5 = \frac{15}{4} = 3\frac{3}{4}$ 3  $\frac{3}{4}$  is between 3 and 4. So, Grandma needs to buy 4 cartons of all-purpose cream.
- 6.  $\frac{2}{7} \times 8 = \frac{16}{7} = 2\frac{2}{7}$  $2\frac{2}{7}$  is between 2 and 3. So, he could bake 3 cakes in 8 hours.