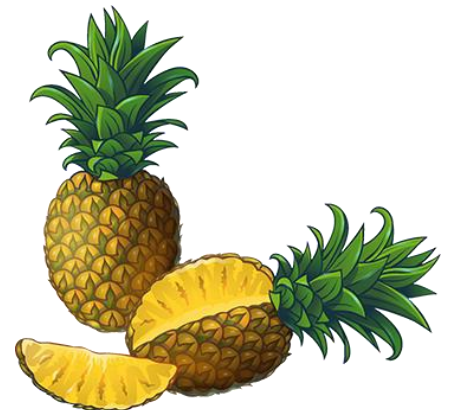


Multiplying fractions by whole numbers

Grade 4 Word Problems Worksheet

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



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.