

Today you will need:

- A pencil
- A ruler
- Your paper or workbook
- A coloured pencil

24/02/2021

Multiplying Fractions by a whole number

$$\frac{2}{5} \times 3 =$$

$$4\frac{1}{4} \times 5 =$$

James is having a pizza party. Each person at the party eats $\frac{3}{8}$ of a pizza. If 6 people attend the party, how many slices of pizza did James need?

Lucy walked $\frac{1}{6}$ of a kilometre each day for 8 days. How many kilometres did she walk in total?

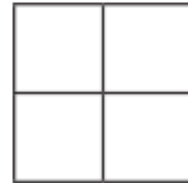
Tina swam $\frac{3}{4}$ of a kilometre on Monday, Tuesday, Wednesday and Friday. How many kilometres did she swim in total?

B2

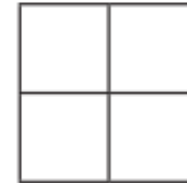
$$\frac{1}{3} \times 2 = \frac{2}{3}$$



1. $\frac{1}{4} \times 2 =$



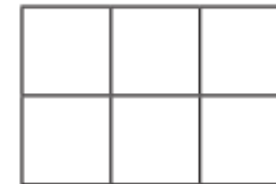
6. $\frac{1}{4} \times 3 =$



2. $\frac{1}{3} \times 3 =$



7. $\frac{1}{6} \times 5 =$



3. $\frac{1}{2} \times 2 =$



8. $\frac{1}{5} \times 2 =$



4. $\frac{1}{5} \times 4 =$



9. $\frac{1}{5} \times 3 =$



B2

1. $\frac{1}{4} \times 2 = \frac{2}{4} = \frac{1}{2}$



6. $\frac{1}{4} \times 3 = \frac{3}{4}$



2. $\frac{1}{3} \times 3 = \frac{3}{3} = 1$



7. $\frac{1}{6} \times 5 = \frac{5}{6}$



3. $\frac{1}{2} \times 2 = \frac{2}{2} = 1$



8. $\frac{1}{5} \times 2 = \frac{2}{5}$



4. $\frac{1}{5} \times 4 = \frac{4}{5}$



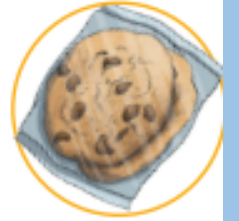
9. $\frac{1}{5} \times 3 = \frac{3}{5}$



B1

Five children share some pizzas. Each child eats $\frac{2}{3}$ of a pizza. How many pizzas are eaten?

To bake a batch of cookies, $\frac{1}{3}$ of a packet of sugar is needed. Chen needs to make 5 batches of cookies. How much sugar is used?



Daisy attended a five-day French course, which lasted $\frac{4}{5}$ of an hour each day. How many hours was the French course in total?

Frank ran $1\frac{1}{3}$ km every day from Monday to Friday. How far did he run in total?

Mrs Smith baked 6 pies for a party. Her recipe needed $\frac{4}{9}$ of a bag of flour for each pie. How much flour did she use?

Gina had 3 cheesecakes. Each of her 9 guests ate $\frac{1}{4}$ of a cheesecake. How much cheesecake was eaten?

B1

Five children share some pizzas. Each child eats $\frac{2}{3}$ of a pizza. How many pizzas are eaten?

$$5 \times \frac{2}{3} = \frac{10}{3} = 3 \frac{1}{3} \text{ pizzas}$$

To bake a batch of cookies, $\frac{1}{3}$ of a packet of sugar is needed. Chen needs to make 5 batches of cookies. How much sugar is used?

$$5 \times \frac{1}{3} = \frac{5}{3} = 1 \frac{2}{3} \text{ bags of sugar}$$

Daisy attended a five-day French course, which lasted $\frac{4}{5}$ of an hour each day. How many hours was the French course in total?

$$5 \times \frac{4}{5} = \frac{20}{5} = 4 \text{ hours}$$

Frank ran $1 \frac{1}{3}$ km every day from Monday to Friday. How far did he run in total?

$$1 \times 5 = 5\text{km}, \frac{1}{3} \times 5 = \frac{5}{3} = 1 \frac{2}{3}\text{km}, 5\text{km} + 1 \frac{2}{3}\text{km} = 6 \frac{2}{3} \text{ km}$$

Mrs Smith baked 6 pies for a party. Her recipe needed $\frac{4}{9}$ of a bag of flour for each pie. How much flour did she use?

$$6 \times \frac{4}{9} = \frac{24}{9} = 2 \frac{6}{9} = 2 \frac{2}{3} \text{ bags of flour}$$

Gina had 3 cheesecakes. Each of her 9 guests ate $\frac{1}{4}$ of a cheesecake. How much cheesecake was eaten?

$$9 \times \frac{1}{4} = \frac{9}{4} = 2 \frac{1}{4} \text{ cheesecakes}$$