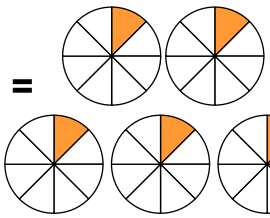
Multiply Unit Fractions by an Integer

1a. Remy has completed the calculation below.

$\frac{1}{8} \times 5 =$  $= \frac{5}{40}$

Is she correct? Explain your answer.

D R

Multiply Unit Fractions by an Integer

1b. Kai has completed the calculation below.

$\frac{1}{9} \times 4 =$  $= \frac{9}{4}$

Is he correct? Explain your answer.

D R

2a. Use the digit cards to create a proper fraction. Cards can be used more than once.

5	7

$\frac{1}{\square} \times \square = \frac{\square}{\square}$

D PS

2b. Use the digit cards to create a proper fraction. Cards can be used more than once.

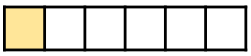
8	9

$\frac{1}{\square} \times \square = \frac{\square}{\square}$

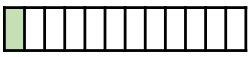
D PS

3a. Solve the problem.

Sunil walks $\frac{1}{6}$ of a mile to work five times a week.



Sasha walks $\frac{1}{12}$ of a mile to work seven times a week.

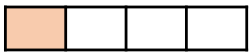


Sunil thinks that he walks further to work than Sasha. Is he correct? Prove it.

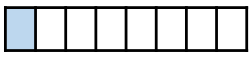
D R

3b. Solve the problem.

Carter jogs $\frac{1}{4}$ of a mile three times a week.



Layla jogs $\frac{1}{8}$ of a mile five times a week.

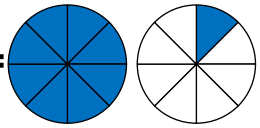


Layla thinks that she jogs further than Carter. Is she correct? Prove it.

D R

Multiply Unit Fractions by an Integer

4a. Sanjeet has completed the calculation below.

$\frac{1}{8} \times 9 =$  $= \frac{9}{72}$

Is he correct? Explain your answer.

E R

Multiply Unit Fractions by an Integer

4b. Mia has completed the calculation below.

$\frac{1}{10} \times 4 =$  $= \frac{4}{10} = \frac{4}{5}$

Is she correct? Explain your answer.

E R

5a. Use each digit card once to complete the calculation. The answer has been reduced to its simplest form.

2	3	6

$\frac{1}{\square} \times \square = \frac{1}{\square}$

E PS

5b. Use each digit card once to complete the calculation. The answer has been reduced to its simplest form.

3	4	12

$\frac{1}{\square} \times \square = \frac{1}{\square}$

E PS

6a. Solve the problem.

Tom cycles $\frac{1}{6}$ of a mile to school five times a week.

Jasmine cycles $\frac{1}{12}$ of a mile to school four times a week.

Jasmine thinks that she cycles further to school than Tom. Is she correct? Prove it.

E R

6b. Solve the problem.

Jim walks $\frac{1}{15}$ of a mile to the shops five times a week.

Odell walks $\frac{1}{6}$ of a mile to the shops two times a week.

Odell thinks that she walks further than Jim. Is she correct? Prove it.

E R

Multiply Unit Fractions by an Integer

7a. Oscar has completed the calculation below.

$$\frac{1}{8} \times 10 = \frac{10}{8} = 1\frac{2}{8} = 1\frac{1}{2}$$

Is he correct? Explain your answer.

GD

R

Multiply Unit Fractions by an Integer

7b. Tiana has completed the calculation below.

$$\frac{1}{6} \times 9 = \frac{9}{6} = 1\frac{3}{6} = 1\frac{1}{6}$$

Is she correct? Explain your answer.

GD

R

8a. Use each digit card once to complete the calculation. The answer has been converted to a mixed number and reduced to its simplest form.

1	3	6	10

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

GD

PS

8b. Use each digit card once to complete the calculation. The answer has been converted to a mixed number and reduced to its simplest form.

1	3	9	12

$$\frac{1}{\square} \times \square = \square\frac{1}{\square}$$

GD

PS

9a. Solve the problem.

Sara swims $\frac{1}{6}$ of a mile eight times a week.

Liam swims $\frac{1}{4}$ of a mile six times a week.

Sara thinks that she swims further than Liam. Is she correct? Prove it.

GD

R

9b. Solve the problem.

Matt power walks $\frac{1}{9}$ of a mile twelve times a week.

Lana power walks $\frac{1}{6}$ of a mile eight times a week.

Matt thinks that he power walks further than Lana. Is he correct? Prove it.

GD

R