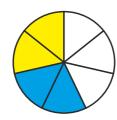
Multiply fractions by integers



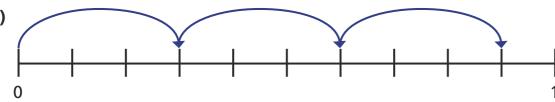
1 Complete the calculations.

a)

$$\frac{2}{7} \times 2 = \boxed{\frac{4}{7}}$$



b)



$$3 \times \frac{3}{10} = \boxed{\frac{9}{10}}$$

2 a) Shade the bar models to show $\frac{2}{5} \times 4$

((1/// (////)	
((21/7) (/////)	
(111111/11/11	
(1/1/1) (/////	

b) Complete the multiplication.

$$\frac{2}{5} \times 4 = \boxed{\frac{8}{5}} = \boxed{\frac{3}{5}}$$

Complete the calculations.

a)
$$\frac{1}{3} \times 1 = \boxed{\frac{1}{3}}$$

b)
$$\frac{3}{4} \times 1 = \frac{3}{4}$$

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

$$\frac{3}{4} \times 2 = \boxed{\frac{1}{2}}$$

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

$$\frac{3}{4} \times 3 = 2\frac{1}{4}$$

$$\frac{1}{3} \times 4 = \boxed{\frac{1}{3}}$$

$$\frac{3}{4} \times 4 = \boxed{3}$$

$$\frac{1}{3} \times 5 = \boxed{\frac{2}{3}}$$

$$\frac{3}{4} \times 5 = 3\frac{3}{4}$$

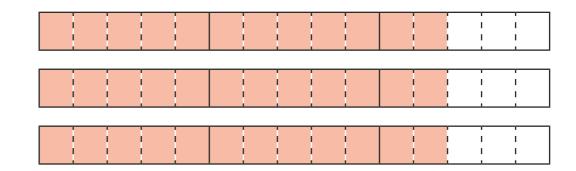
$$\frac{1}{3} \times 6 = \boxed{2}$$

$$\frac{3}{4} \times 6 = \boxed{4\frac{1}{2}}$$

What patterns do you notice?

Complete the multiplication.

$$2\frac{2}{5} \times 3 = 7\frac{1}{5}$$



What method did you use? Is there a different method you could have used?



Match the calculations.

$$\frac{2}{3} + \frac{2}{3}$$

$$\frac{1}{2} \times 6$$

$$\frac{1}{4} \times 24$$

$$18 \times \frac{1}{4}$$

$$\frac{3}{4} + \frac{3}{4} + \frac{3}{4} + \frac{3}{4}$$

$$\frac{1}{6} \times 10$$

$$12 \times \frac{1}{2}$$

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

$$\frac{1}{3} \times 4$$

Write each answer as a mixed number in its simplest form.

a)
$$1\frac{1}{5} \times 2 = 2\frac{2}{5}$$

d)
$$2\frac{2}{5} \times 5 =$$

b)
$$2\frac{1}{6} \times 3 = 6\frac{1}{2}$$

e)
$$7 \times 3\frac{1}{2} = 24\frac{1}{2}$$

c)
$$2\frac{2}{5} \times 4 = \boxed{9\frac{3}{5}}$$

f)
$$\frac{11}{15} \times 7 = 5\frac{2}{15}$$

Fill in the missing numbers.

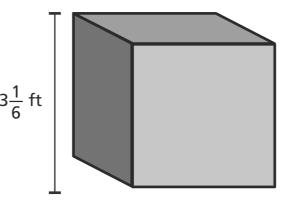
a)
$$2\frac{2}{7} \times 3 = 6\frac{6}{7}$$
 b) $2\frac{4}{8} \times 3 = 7\frac{1}{2}$

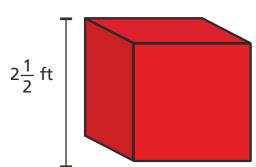
b)
$$2\frac{4}{8} \times 3 = 7\frac{1}{2}$$

Tommy's dog eats $3\frac{1}{2}$ tins of food a week. How many tins does she eat in a year?

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Jack builds a tower using grey blocks.

Alex builds a tower using red blocks.

The towers are exactly the same height.

How many blocks could they each have used?

Jack could use 15 and Alex use 19