

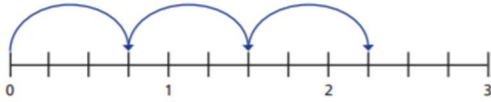
Diving

5 Complete the multiplications.

Use the number lines to help you.

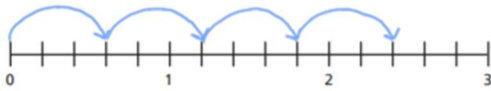
Give each answer as an improper fraction and as a mixed number.

a)



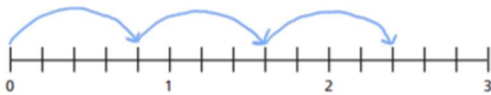
$$3 \times \frac{3}{4} = \frac{9}{4} = 2\frac{1}{4}$$

b)



$$4 \times \frac{3}{5} = \frac{12}{5} = 2\frac{2}{5}$$

c)



$$3 \times \frac{4}{5} = \frac{12}{5} = 2\frac{2}{5}$$

6 Complete the multiplications.

$$a) 5 \times \frac{2}{3} = \frac{10}{3} = 3\frac{1}{3}$$

$$b) 4 \times \frac{4}{5} = \frac{16}{5} = 3\frac{1}{5}$$

$$c) \frac{2}{7} \times 11 = \frac{22}{7} = 3\frac{1}{7}$$

$$d) 4 \times \frac{7}{9} = \frac{28}{9} = 3\frac{1}{9}$$

$$e) 17 \times \frac{2}{11} = \frac{34}{11} = 3\frac{1}{11}$$

f) Describe the pattern you can see in the answers.

g) What could the next multiplication in the pattern be?

Write two possible options.

e.g. $\frac{5}{13} \times 8$
 $10 \times \frac{4}{13}$

7 Here are some digit cards.



Use the digit cards to complete the multiplication.

$$\boxed{5} \times \frac{\boxed{3}}{8} = \frac{15}{8} = \boxed{1} \frac{\boxed{7}}{8}$$

9a. B

$$10a. \frac{3}{2} = 1\frac{1}{2}$$

$$11a. \frac{6}{10} \times 3 = 1\frac{4}{5}$$

$$12a. A. \frac{6}{8} \times 2 = \frac{12}{8} = 1\frac{1}{2};$$

$$B. \frac{3}{14} \times 6 = \frac{18}{14} = 1\frac{2}{7}$$

9b. A

$$10b. \frac{12}{7} = 1\frac{5}{7}$$

$$11b. \frac{4}{16} \times 5 = 1\frac{1}{4}$$

$$12b. A. \frac{6}{9} \times 2 = \frac{12}{9} = 1\frac{1}{3};$$

$$B. \frac{4}{18} \times 6 = \frac{24}{18} = 1\frac{1}{3}$$