

# th Q2 Common Assessment Review

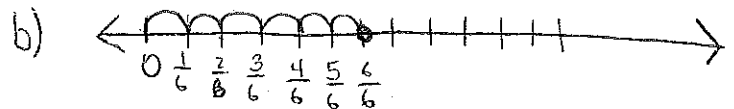
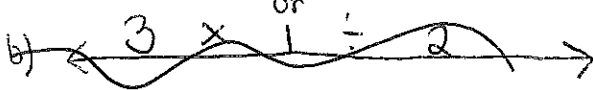
Name key

①  $2 \frac{3}{14} \cdot \frac{1}{7} = \frac{3}{2} = 1 \frac{1}{2}$

②  $\frac{1}{8} \cdot \frac{1}{8} = \frac{1}{64}$

a)  $\boxed{3} \times \boxed{7} = \boxed{14}$

a)  $\boxed{6} \times \boxed{1} = \boxed{6}$



③

Of the movies in Julio's collection,  $\frac{9}{10}$  are on DVD. Of those,  $\frac{2}{5}$  are action movies. What fraction of Julio's movie collection are action DVDs?

$\frac{9}{10} \times \frac{2}{5} = \frac{9}{25}$  are action DVDs

Write the correct answer.

④

1. Predict whether the product greater than, less than, or equal to  $\frac{2}{3}$ . What is the product?

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

less than  $\frac{6}{15}$

2. Predict whether the product greater than, less than, or equal to  $\frac{1}{9}$ . What is the product?

$\frac{7}{8} \cdot \frac{1}{9}$

less than  $\frac{7}{72}$

3. Predict whether the product greater than, less than, or equal to  $\frac{7}{10}$ . What is the product? Why?

$1 = \frac{7}{7} \cdot \frac{7}{10}$

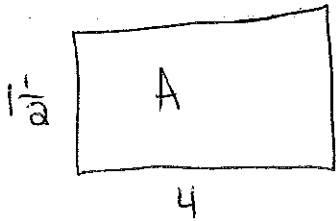
equal  $\frac{7}{10}$

Part of

Solve

5)

Callista needs a carpet runner for her hallway. She needs it to be  $1\frac{1}{2}$  feet wide and 4 feet long. What is the area of the carpet runner Callista needs?



$$A = l \times w$$

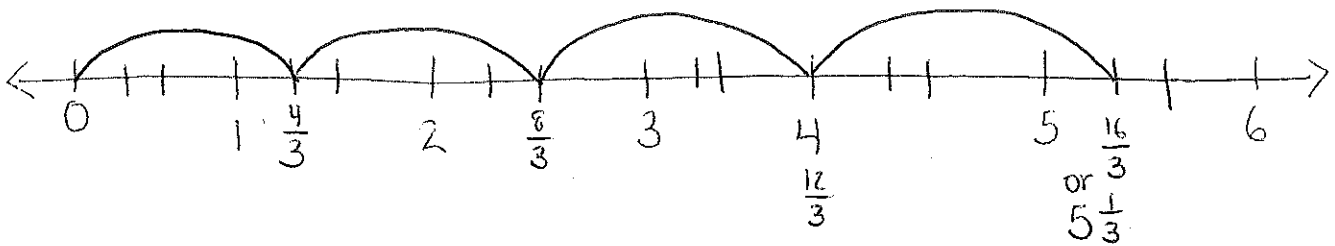
$$A = 1\frac{1}{2} \times 4$$

$$A = \frac{3}{2} \times \frac{4}{1} = 6 \text{ ft}^2$$

6)

Solve. Use a number line.

$$4 \div 1\frac{1}{3} = 4 \times \frac{3}{4} = \frac{16}{4} = 4$$



7)

Together, Denise and her brother painted a total of  $\frac{3}{4}$  of a living room wall. Denise painted  $\frac{3}{4}$  of that part, and her brother painted the rest. What part of the living room wall did Denise paint herself?

$$\frac{3}{4} \times \frac{3}{4} = \frac{9}{16} \text{ of the wall}$$

8)

$$1\frac{1}{2} \cdot 1\frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{3}{2} \cdot \frac{5}{3} = \frac{5}{2} = 2\frac{1}{2}$$

9

Write an equation. Then solve.

- 1. Alycia and her 4 friends share 3 pizzas equally. How much of one pizza does each person get?

$$3 \div 5 = \frac{3}{5}$$


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- 2. For the breakfast buffet, Mr. Walker must cut and equally divide 12 loaves of bread over 7 platters. How many loaves of bread are placed on each platter?

$$12 \div 7 = \frac{12}{7} = 1 \frac{5}{7} \text{ loaves on each platter.}$$

10

Describe a scenario for the division expression. Then solve.

Show your work.

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

I have  $\frac{1}{2}$  of a sandwich to split  
between 3 friends. How much does each  
friend get?

$$\frac{1}{2} \times \frac{1}{3} = \frac{1}{6} \text{ of a sandwich.}$$

11

$$\frac{1}{5} \div 8 = \underline{\hspace{2cm}}$$

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

12

$$15 \div \frac{1}{3}$$

$$15 \times 3 = 45$$

13

Tumi can walk  $\frac{1}{3}$  mile in 5 minutes. If Tumi walks at a constant pace, how far does he walk in 1 minute?

$$\frac{1}{3} \div 5$$

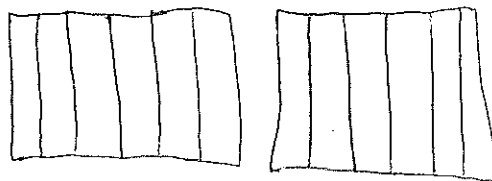
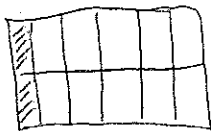
$$\frac{1}{3} \times \frac{1}{5} = \frac{1}{15} \text{ of a mile in a minute}$$

14

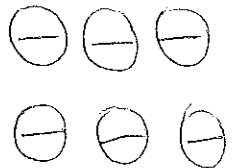
Debbie is making bows that use  $\frac{1}{6}$  yard of ribbon each. If Debbie has 2 yards of ribbon, how many bows can she make?

Choose the correct model. Then solve.

a



c



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

$$2 \times 6 = 12$$

Draw a model and solve.

15

$$6 \div \frac{1}{4} = \underline{\hspace{2cm}}$$

$$6 \times 4 = 24$$



16

Don has piece of cord 40 feet long. He wants to cut the cord into pieces to tie up and support the tomato plants in his garden. How many pieces can he cut if each piece is  $\frac{1}{2}$  foot long?

$$40 \div \frac{1}{2}$$

$$40 \times 2 = 80 \text{ pieces.}$$

Solve

$$6 \times 70$$

17

$$6.7 \times 100 = \underline{670}$$

$$6 \times 70$$

18

$$0.07 \times 10 = \underline{.7}$$

$$0 \times 0.7$$

19

$$931 \times 10^1 = \underline{9310}$$

$$931 \times 10^2 = \underline{93100}$$

$$931 \times 10^3 = \underline{931000}$$

$$931 \times 10^4 = \underline{9310000}$$

Use an exponent to write the each repeated multiplication.  
Then multiply.

20

1.  $8 \times 10 \times 10 \times 10$

$$\frac{8 \times 10^3}{8000}$$

2.  $3.7 \times 10 \times 10$

$$\frac{3.7 \times 10^2}{370}$$

21

19. 
$$\begin{array}{r} 7.1 \\ \times 6 \\ \hline 42.6 \end{array}$$

$$\underline{42.6}$$

20. 
$$\begin{array}{r} 8.8 \\ \times 2.5 \\ \hline 440 \\ 1760 \\ \hline 22.00 \end{array}$$

$$\underline{22}$$

21. 
$$\begin{array}{r} 0.1 \\ \times 0.8 \\ \hline \end{array}$$

$$0.8 \times 0.8$$

22. 
$$\begin{array}{r} 8.2 \\ \times 0.7 \\ \hline \end{array}$$

$$5.74$$

$$5.74$$

22

Multiply.

1.  $4.55 \times 10^1 = \underline{45.5}$

$4.55 \times 10^2 = \underline{455}$

$4.55 \times 10^3 = \underline{4550}$

2.  $16 \times 1 = \underline{16}$

$16 \times 0.1 = \underline{1.6}$

$16 \times 0.01 = \underline{0.16}$

3.  $832 \times 1 = \underline{832}$

$832 \times 0.1 = \underline{83.2}$

$832 \times 0.01 = \underline{8.32}$

How did I do? I still need to practice: