

# Multiply Fractions Pretest Answers

Name \_\_\_\_\_

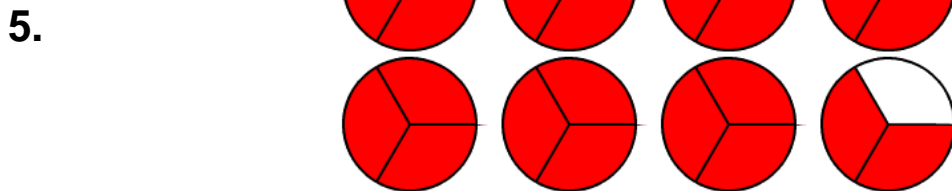
The sentences should show the factors and the product.

1.  $2 \frac{1}{8} \times 2 = 4 \frac{1}{4}$

2.  $2 \frac{1}{8} \times 2 = 4 \frac{1}{4}$

3.  $4 \frac{2}{3} - 2 \frac{1}{6} = 2 \frac{1}{2}$

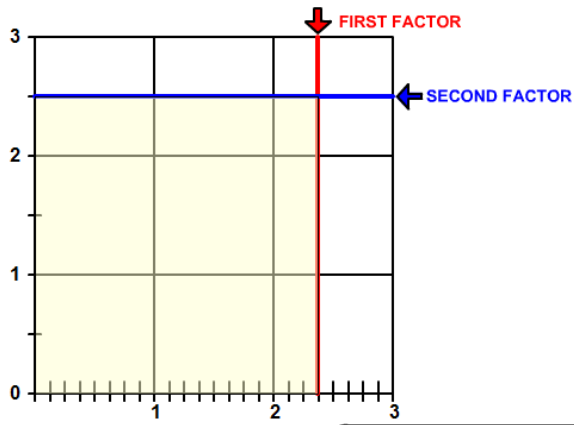
4.  $3 \frac{3}{4} \times 1 \frac{1}{2} = 5 \frac{5}{8}$



$3 \frac{2}{3} \times 2 = 7 \frac{1}{3}$   
first factor                      second factor

$\frac{11}{3} \times \frac{2}{1} = \frac{22}{3} = 7 \frac{1}{3}$   
Write in fraction form and multiply.                      Simplify.

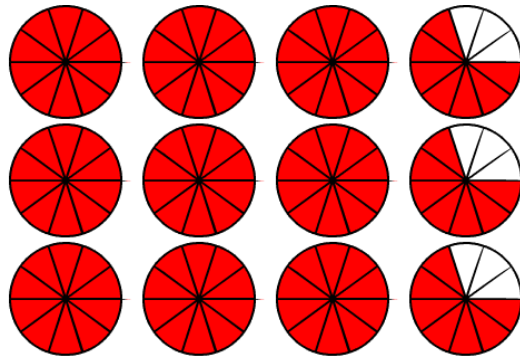
6.



$$2 \frac{3}{8} \times 2 \frac{1}{2} = \frac{19}{8} \times \frac{5}{2} = \frac{95}{16} = 5 \frac{15}{16}$$

first factor      second factor      Write in fraction form and multiply.      Simplify.

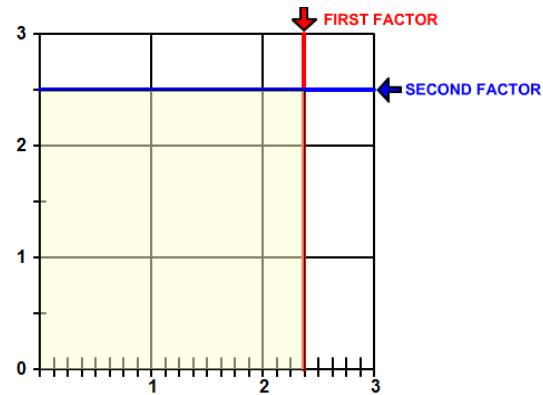
7.



$$3 \frac{7}{10} \times 3 = \frac{37}{10} \times \frac{3}{1} = \frac{111}{10} = 11 \frac{1}{10}$$

first factor      second factor      Write in fraction form and multiply.      Simplify.

8.



$$2 \frac{3}{8} \times 2 \frac{1}{2} = \frac{19}{8} \times \frac{5}{2} = \frac{95}{16} = 5 \frac{15}{16}$$

first factor      second factor      Write in fraction form and multiply.      Simplify.  
(horizontal distance)      (vertical distance)

9.

$$3 \frac{7}{8} \times 2 \frac{1}{3} = 9 \frac{1}{24}$$

10.

$$5 \frac{7}{10} \times 2 \frac{7}{8} = 5 \frac{1}{7}$$