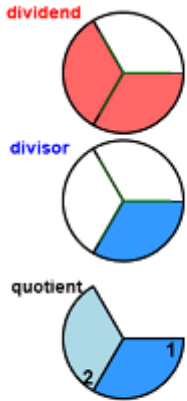


Divide Fractions Answers

1. Divide Fractions with Circles

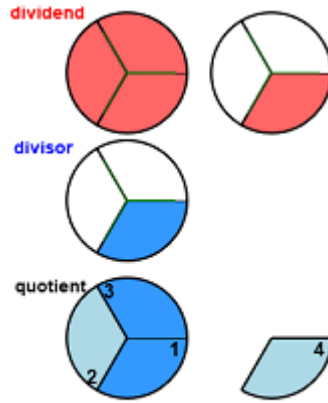
1.



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

dividend divisor Multiply by the reciprocal. simplify

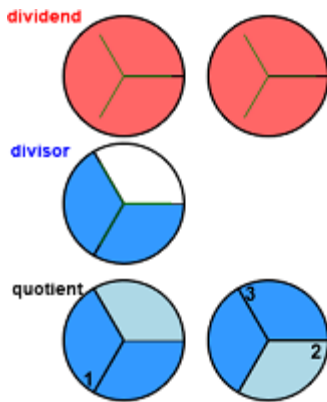
2.



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

dividend divisor Write in fraction form. Multiply by the reciprocal. simplify

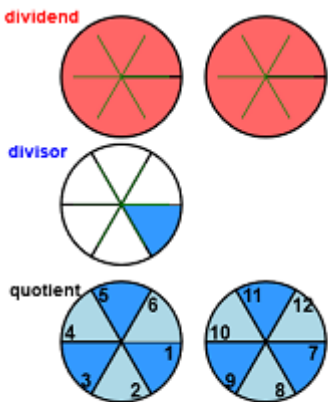
3.



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

dividend divisor Write in fraction form. Multiply by the reciprocal. simplify

4.

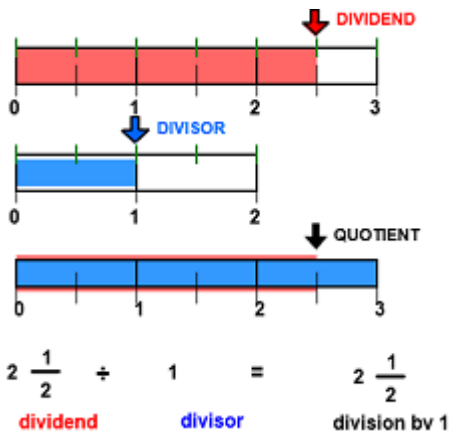


$$2 \div \frac{1}{6} = \frac{2}{1} \div \frac{1}{6} = \frac{2}{1} \times \frac{6}{1} = 12$$

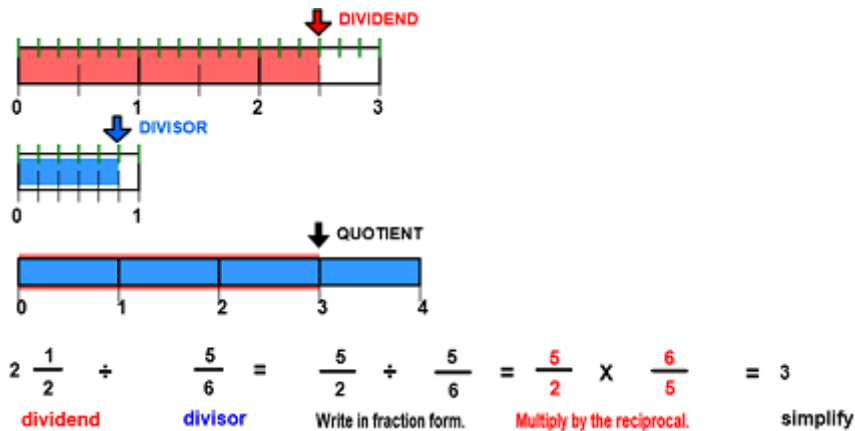
dividend divisor Write in fraction form. Multiply by the reciprocal. simplify

2. Divide Fractions with Lines

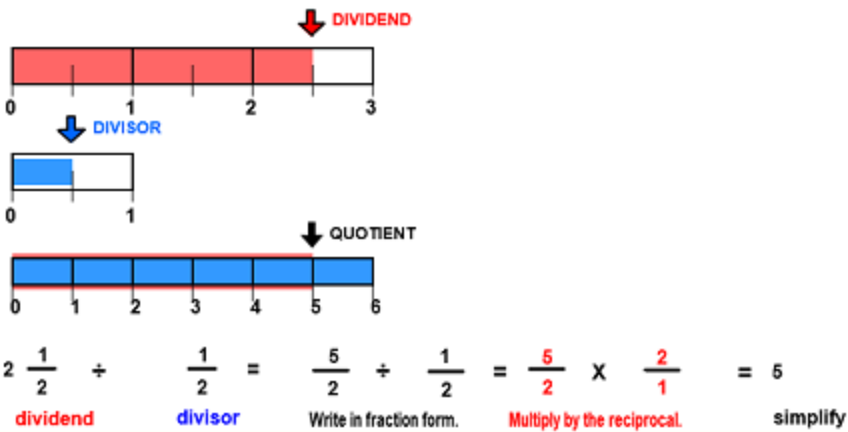
1.



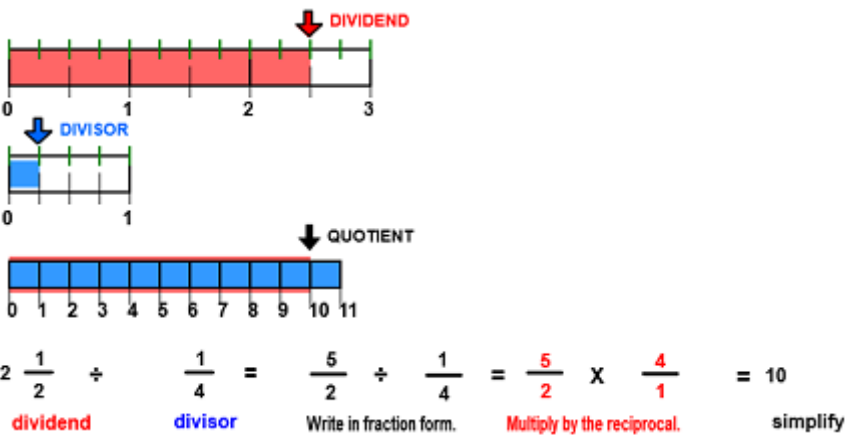
2.



3.

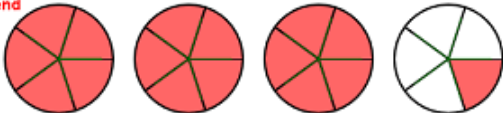


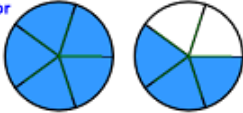
4.

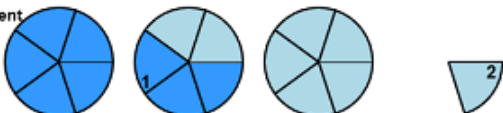


3. Divide Fractions with Circles

1.

dividend 


divisor 

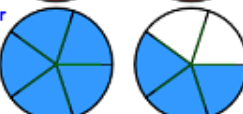
quotient 


$$3 \frac{1}{5} \div 1 \frac{3}{5} = \frac{16}{5} \div \frac{8}{5} = \frac{16}{5} \times \frac{5}{8} = 2$$

dividend divisor Write in fraction form. Multiply by the reciprocal. simplify

2.

dividend 

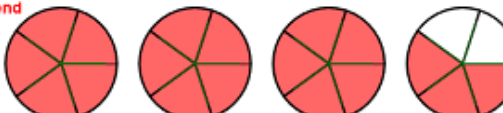
divisor 


quotient 

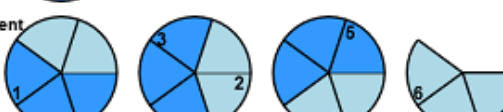
$$3 \frac{3}{5} \div 1 \frac{3}{5} = \frac{18}{5} \div \frac{8}{5} = \frac{18}{5} \times \frac{5}{8} = 2 \frac{1}{4}$$

dividend divisor Write in fraction form. Multiply by the reciprocal. simplify

3.

dividend 

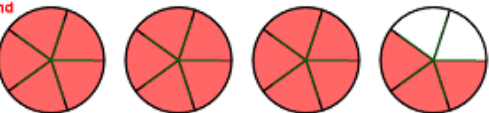
divisor 


quotient 

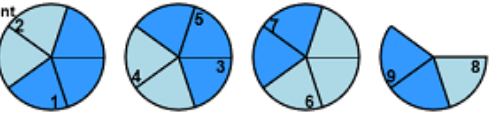
$$3 \frac{3}{5} \div \frac{3}{5} = \frac{18}{5} \div \frac{3}{5} = \frac{18}{5} \times \frac{5}{3} = 6$$

dividend divisor Write in fraction form. Multiply by the reciprocal. simplify

4.

dividend 

divisor 

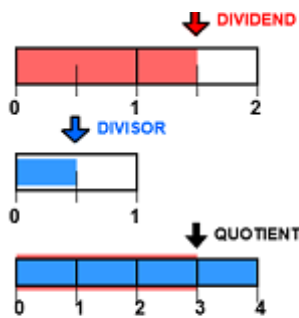
quotient 

$$3 \frac{3}{5} \div \frac{2}{5} = \frac{18}{5} \div \frac{2}{5} = \frac{18}{5} \times \frac{5}{2} = 9$$

dividend divisor Write in fraction form. Multiply by the reciprocal. simplify

4. Divide Fractions with Lines

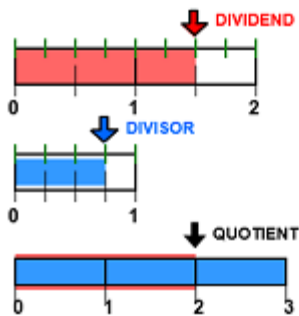
1.



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

dividend
divisor
Write in fraction form.
Multiply by the reciprocal.
simplify

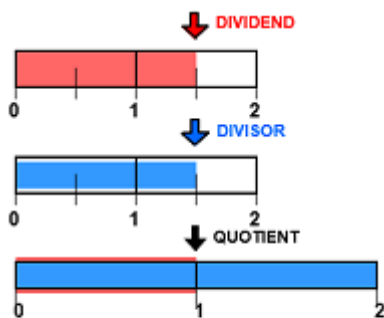
2.



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

dividend
divisor
Write in fraction form.
Multiply by the reciprocal.
simplify

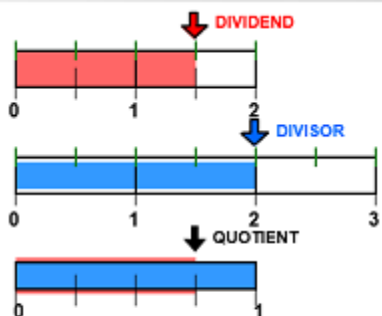
3.



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

dividend
divisor
Write in fraction form.
Multiply by the reciprocal.
simplify

4.

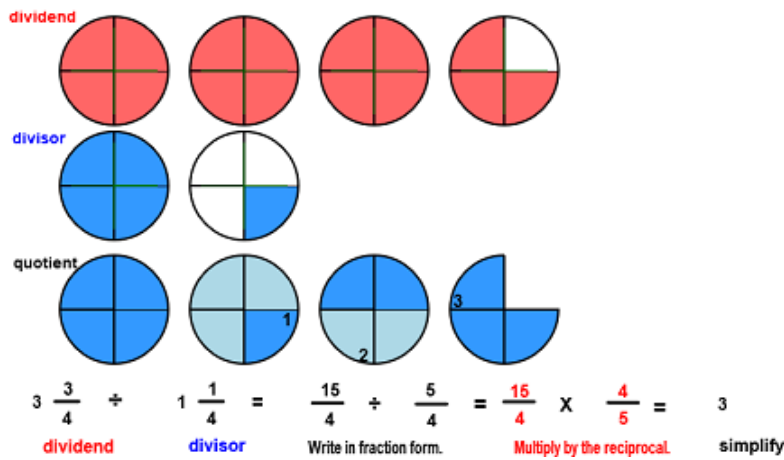


$$1 \frac{1}{2} \div 2 = \frac{3}{2} \div \frac{2}{1} = \frac{3}{2} \times \frac{1}{2} = \frac{3}{4}$$

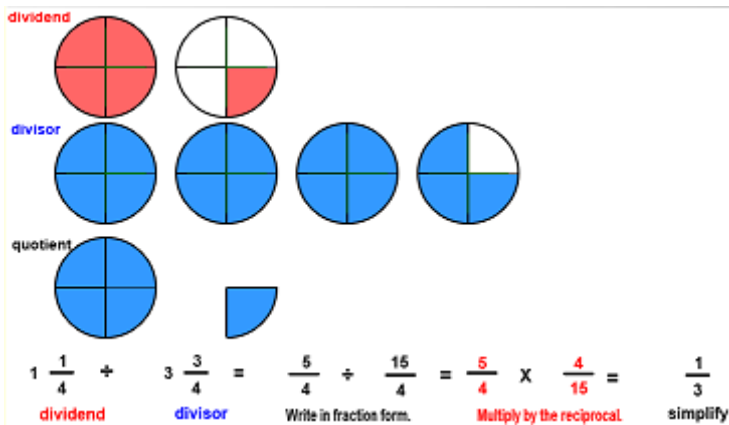
dividend
divisor
Write in fraction form.
Multiply by the reciprocal.
simplify

5 Divide Fractions with Circles

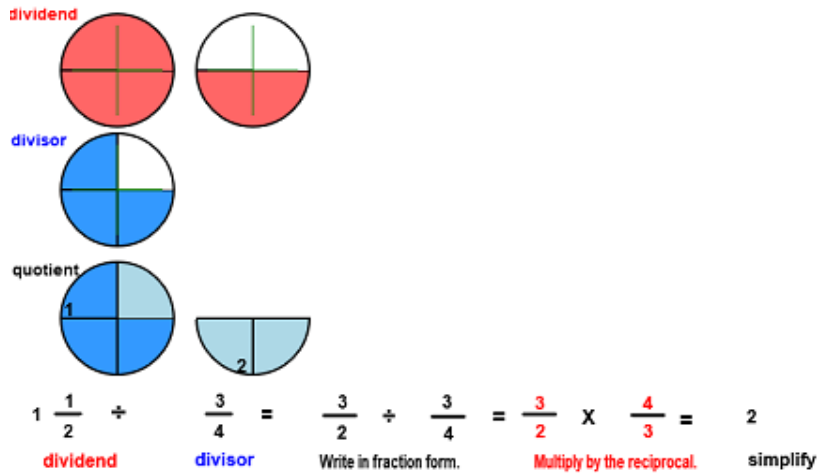
1.



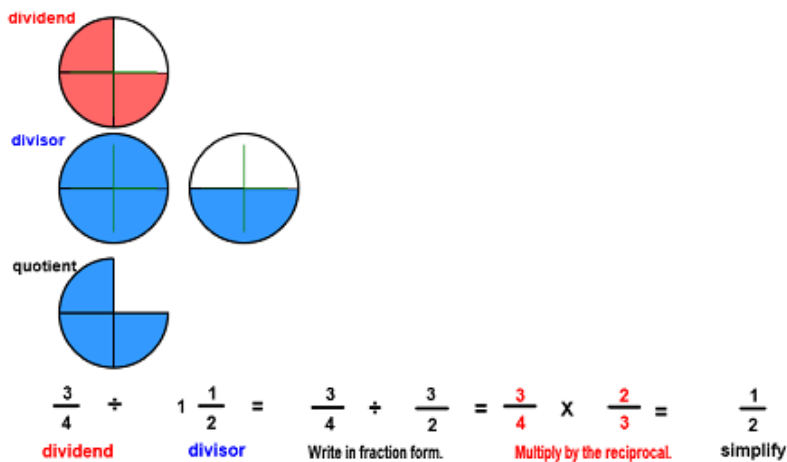
2.



3.



4.



6. Divide Fractions with Lines

1.

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

dividend divisor Write in fraction form. Multiply by the reciprocal. simplify

2.

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

dividend divisor Write in fraction form. Multiply by the reciprocal. simplify

3.

$3 \frac{1}{2} \div 3 = \frac{7}{2} \div \frac{3}{1} = \frac{7}{2} \times \frac{1}{3} = 1 \frac{1}{6}$

dividend divisor Write in fraction form. Multiply by the reciprocal. simplify

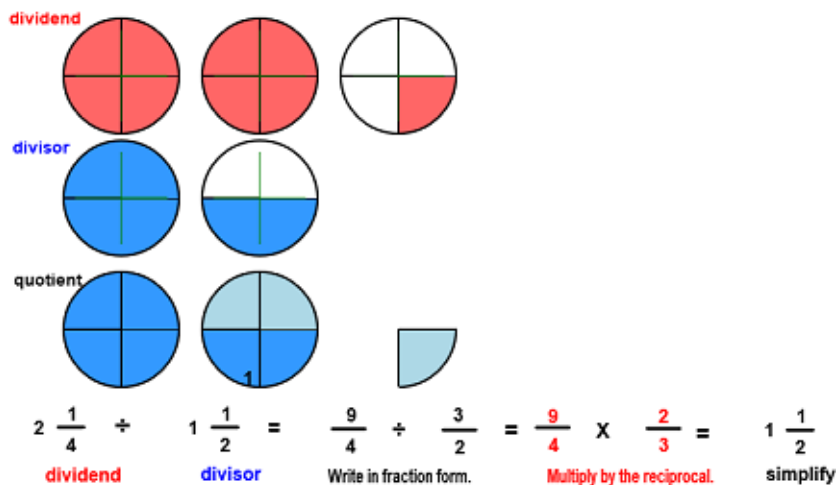
4.

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

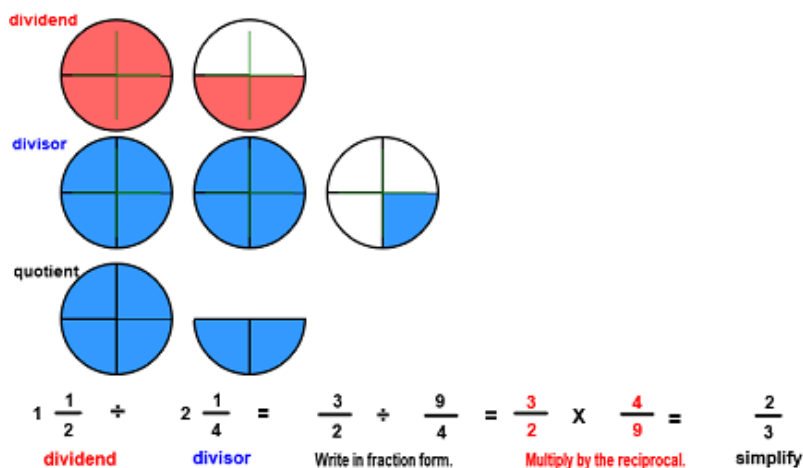
dividend divisor Write in fraction form. Multiply by the reciprocal. simplify

7. Divide Fractions with Circles and Lines

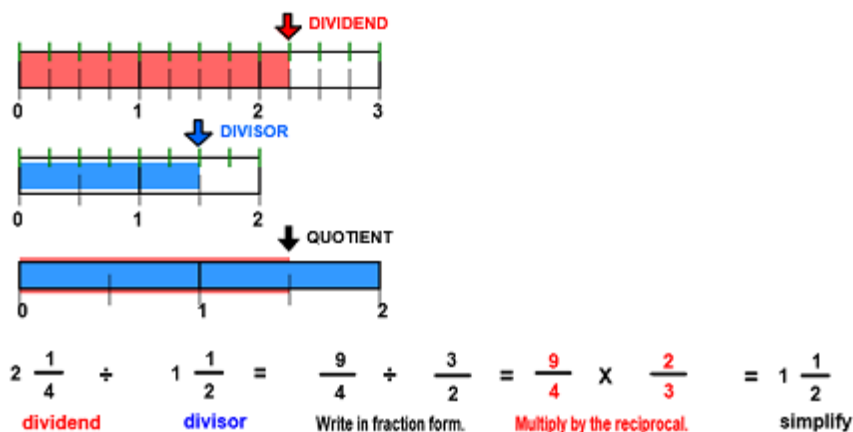
1.



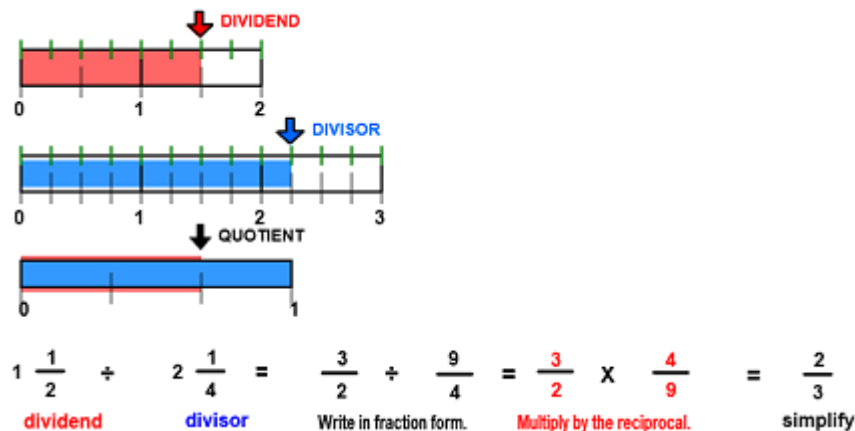
2.



3.

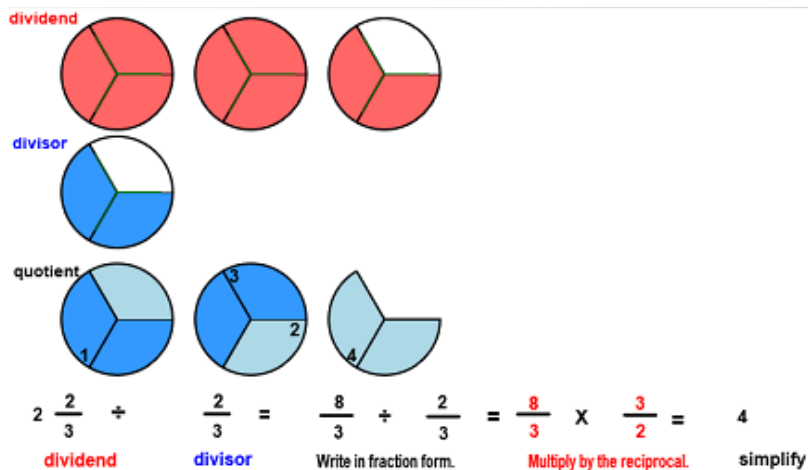


4.

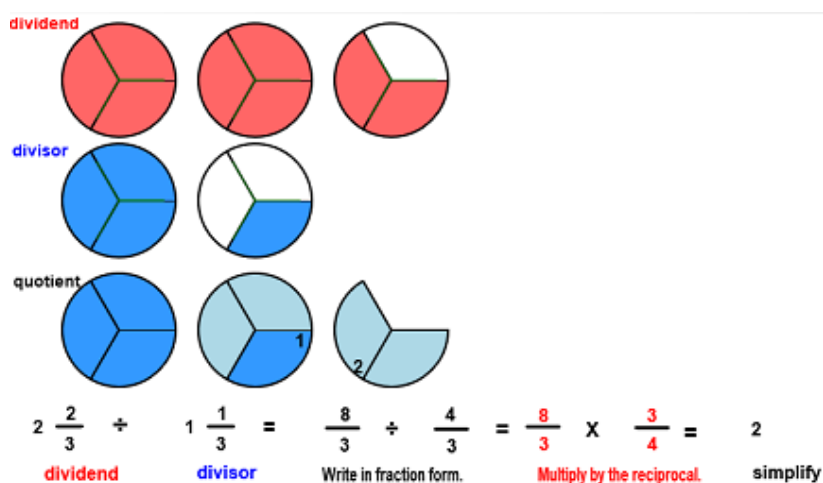


8. Divide Fractions with Circles and Lines

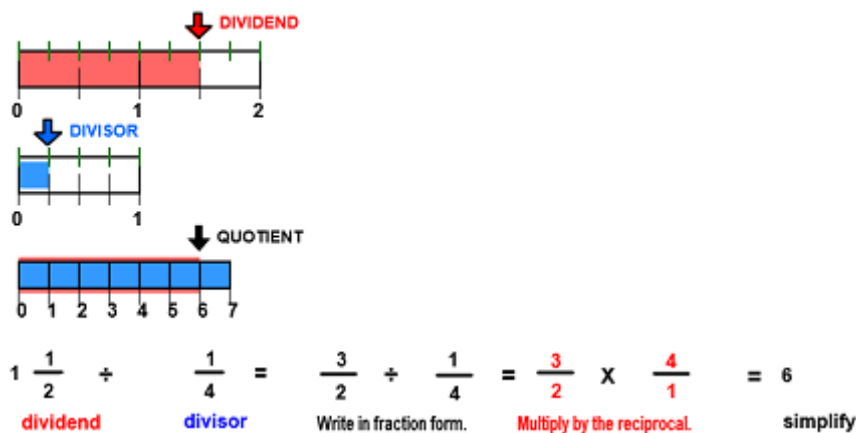
1.



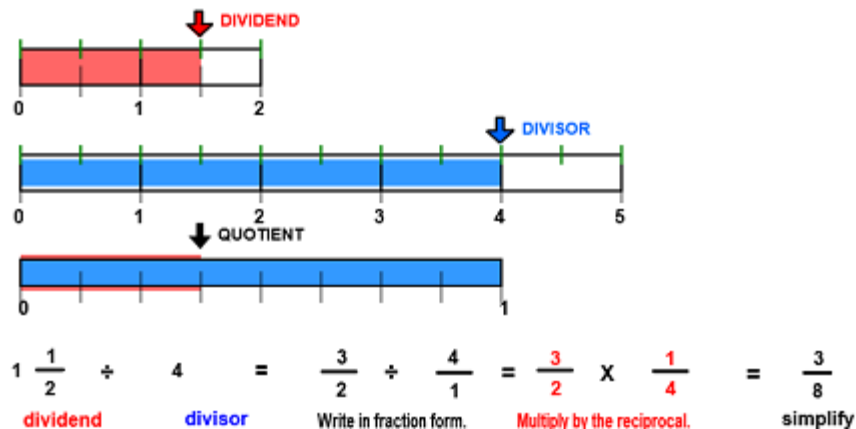
2.



3.



4.



9. Divide Practice

- $1 \frac{5}{8} \div \frac{5}{8} = \frac{13}{8} \div \frac{5}{8} = \frac{13}{8} \times \frac{8}{5} = 2 \frac{3}{5}$
- $1 \frac{5}{8} \div 1 \frac{5}{8} = \frac{13}{8} \div \frac{13}{8} = \frac{13}{8} \times \frac{8}{13} = 1$
- $1 \frac{5}{8} \div 2 \frac{5}{8} = \frac{13}{8} \div \frac{21}{8} = \frac{13}{8} \times \frac{8}{21} = \frac{13}{21}$
- $\frac{5}{6} \div 2 \frac{1}{2} = \frac{5}{6} \div \frac{5}{2} = \frac{5}{6} \times \frac{2}{5} = \frac{1}{3}$
- $1 \frac{5}{6} \div 2 \frac{1}{2} = \frac{11}{6} \div \frac{5}{2} = \frac{11}{6} \times \frac{2}{5} = \frac{11}{15}$
- $2 \frac{5}{6} \div 2 \frac{1}{2} = \frac{17}{6} \div \frac{5}{2} = \frac{17}{6} \times \frac{2}{5} = 1 \frac{2}{15}$
- $2 \frac{5}{6} \div 1 \frac{1}{2} = \frac{17}{6} \div \frac{3}{2} = \frac{17}{6} \times \frac{2}{3} = 1 \frac{8}{9}$
- $2 \frac{5}{6} \div 1 \frac{1}{3} = \frac{17}{6} \div \frac{4}{3} = \frac{17}{6} \times \frac{3}{4} = 2 \frac{1}{8}$
- $2 \frac{5}{6} \div 1 = \frac{17}{6} \div \frac{1}{1} = \frac{17}{6} \times \frac{1}{1} = 2 \frac{5}{6}$
- $2 \frac{5}{6} \div \frac{2}{3} = \frac{17}{6} \div \frac{2}{3} = \frac{17}{6} \times \frac{3}{2} = 4 \frac{1}{4}$
- $2 \frac{5}{6} \div \frac{1}{3} = \frac{17}{6} \div \frac{1}{3} = \frac{17}{6} \times \frac{3}{1} = 8 \frac{1}{2}$
- $2 \frac{5}{6} \div \frac{1}{6} = \frac{17}{6} \div \frac{1}{6} = \frac{17}{6} \times \frac{6}{1} = 17$