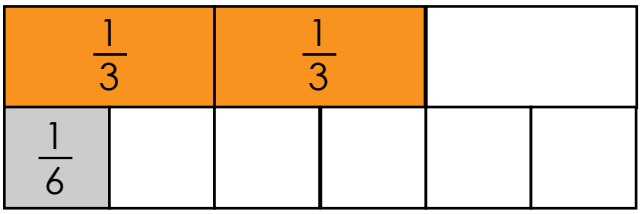
Name: _____

Dividing Fractions

Example:



Dividing by a number
is the same as multiplying
by its reciprocal.

$$\frac{2}{3} \div \frac{1}{6}$$

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

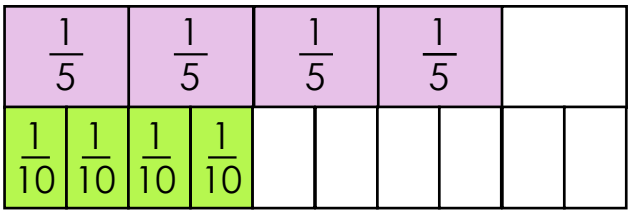
(reciprocals)

$$\frac{2}{3} \times \frac{6}{1} = \frac{12}{3} = 4$$

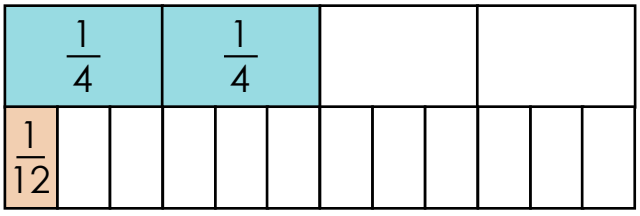
~PREVIEW~

Please log in or register to download
the printable version of this worksheet.

c.



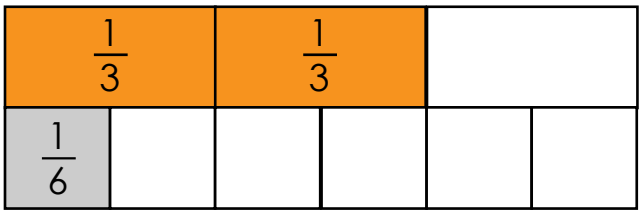
d.



ANSWER KEY

Dividing Fractions

Example:



Dividing by a number is the same as multiplying by its reciprocal.

$\frac{2}{3} \div \frac{1}{6}$

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

(reciprocals)

$\frac{2}{3} \times \frac{6}{1} = \frac{12}{3} = 4$

~PREVIEW~

Please log in or register to download the printable version of this worksheet.

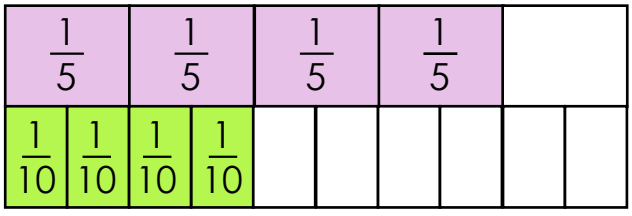
$\frac{3}{3} \div \frac{9}{9} = \frac{3}{3} \times \frac{9}{3}$

$\frac{3}{3} \times \frac{9}{3} = \frac{27}{9} = 3$

$\frac{1}{2} \div \frac{8}{8} = \frac{1}{2} \times \frac{8}{1}$

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

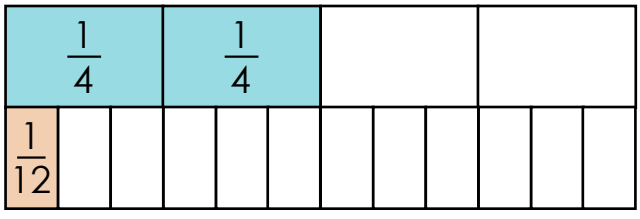
c.



$\frac{4}{5} \div \frac{4}{10} = \frac{4}{5} \times \frac{10}{4}$

$\frac{4}{5} \times \frac{10}{4} = \frac{40}{20} = 2$

d.



$\frac{2}{4} \div \frac{1}{12} = \frac{2}{4} \times \frac{12}{1}$

$\frac{2}{4} \times \frac{12}{1} = \frac{24}{4} = 6$