Name: .... Class: ....

Divide unit fractions by whole numbers

Divide the following.

a. $\dfrac{1}{6} \div 4$

b. $\dfrac{1}{3} \div 12$

c. $\dfrac{1}{5} \div 7$

d. $\dfrac{3}{5} \div 2$

e. $\dfrac{1}{4} \div 24$

f. $\dfrac{1}{9} \div 81$

g. $\dfrac{1}{7} \div 49$

h. $\dfrac{1}{6} \div 36$

i. $\dfrac{1}{2} \div 20$

j. $\dfrac{3}{9} \div 72$

MP
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Name: .... Class: ....

Divide unit fractions by whole numbers

Divide the following.

a. $\dfrac{1}{6} \div 4$

Write the whole number as a fraction.

$\dfrac{1}{6} \div \dfrac{4}{1}$ Find the reciprocal of the second fraction

and change the division sign to multiplication sign.

$\dfrac{1}{6} \times \dfrac{1}{4} = \dfrac{1}{24}$

So, $\dfrac{1}{6} \div 4 = \dfrac{1}{24}$

b. $\dfrac{1}{3} \div 12$

Write the whole number as a fraction.

$\dfrac{1}{3} \div \dfrac{12}{1}$ Find the reciprocal of the second fraction

and change the division sign to multiplication sign.

$\dfrac{1}{3} \times \dfrac{1}{12} = \dfrac{1}{36}$

So, $\dfrac{1}{3} \div 12 = \dfrac{1}{36}$

c. $\dfrac{1}{5} \div 7$

Write the whole number as a fraction.

$\dfrac{1}{5} \div \dfrac{7}{1}$ Find the reciprocal of the second fraction

and change the division sign to multiplication sign.

$\dfrac{1}{5} \times \dfrac{1}{7} = \dfrac{1}{35}$

So, $\dfrac{1}{5} \div 7 = \dfrac{1}{35}$