

Fractions

Question 1

Can you simplify these fractions?

a

$$\frac{22}{58} = \frac{\boxed{}}{\boxed{}}$$

÷ 2

÷ 2

b

$$\frac{3}{21} = \frac{\boxed{}}{\boxed{}}$$

÷ $\boxed{}$

÷ $\boxed{}$

c

$$\frac{24}{54} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

÷ 2

÷ 3

÷ 2

÷ 3

d

$$\frac{63}{84} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

÷ 3

÷ $\boxed{}$

÷ 3

÷ $\boxed{}$

e

$$\frac{10}{60} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

÷ $\boxed{}$

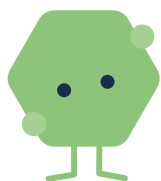
÷ $\boxed{}$

÷ $\boxed{}$

÷ $\boxed{}$



Fractions



I think you could simplify all these fractions in one step. Do you agree? How do I do that?

f

$$\frac{24}{54} = \frac{\boxed{}}{\boxed{}}$$

÷ $\boxed{}$

g

$$\frac{63}{84} = \frac{\boxed{}}{\boxed{}}$$

÷ $\boxed{}$

h

$$\frac{10}{60} = \frac{\boxed{}}{\boxed{}}$$

÷ $\boxed{}$

Question 2

Can you write a fraction that would simplify to:

a $\frac{3}{4}$?

$$\frac{\boxed{}}{\boxed{}}$$

b $\frac{9}{10}$?

$$\frac{\boxed{}}{\boxed{}}$$

c $\frac{5}{8}$?

$$\frac{\boxed{}}{\boxed{}}$$

d $\frac{7}{3}$?

$$\frac{\boxed{}}{\boxed{}}$$


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Question 3

Compare these fractions using $<$, $>$ or $=$.

a $\frac{1}{7}$  $\frac{4}{7}$

b $\frac{3}{5}$  $\frac{2}{5}$

c $\frac{3}{4}$  $\frac{3}{5}$

d $\frac{2}{5}$  $\frac{4}{10}$

e $\frac{5}{6}$  $\frac{5}{5}$

f $\frac{3}{6}$  $\frac{5}{10}$

g $\frac{19}{25}$  $\frac{9}{10}$

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

i $\frac{7}{4}$  $\frac{3}{2}$

Question 4

Order these fractions from greatest to smallest.

$$\frac{1}{2}$$

$$\frac{2}{3}$$

$$\frac{3}{12}$$

$$\frac{3}{4}$$

$$\frac{5}{6}$$

$$\frac{19}{24}$$

$$\frac{1}{6}$$

>

>

>

>

>

>

Question 5

Can you complete the fraction calculations?

a $\frac{4}{5} - \frac{1}{2} = \frac{8}{\square} - \frac{5}{\square} = \frac{\square}{\square}$

b $\frac{1}{3} + \frac{1}{2} = \frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$



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c $\frac{2}{3} + \frac{1}{5} =$

d $\frac{5}{7} - \frac{1}{4} =$

e $\frac{2}{3} + \frac{\boxed{}}{\boxed{}} = \frac{11}{12}$

f $\frac{\boxed{}}{\boxed{}} - \frac{5}{12} = \frac{1}{3}$

Question 6

Each row, column and diagonal in this square adds up to the same amount. What is the total?

Can you find the missing fractions?

$\frac{2}{9}$	$\frac{\boxed{}}{\boxed{}}$	$\frac{\boxed{}}{\boxed{}}$
$\frac{1}{2}$	$\frac{5}{18}$	$\frac{\boxed{}}{\boxed{}}$
$\frac{1}{9}$	$\frac{7}{18}$	$\frac{\boxed{}}{\boxed{}}$

