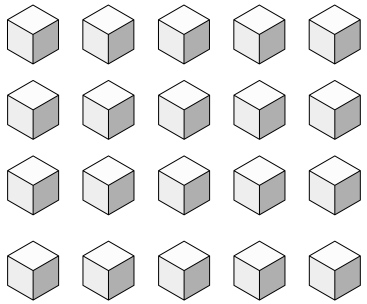
Fractions



There are 20 cubes. Find:

$\frac{1}{2}$ = $\frac{1}{10}$ =

$\frac{1}{4}$ = $\frac{1}{5}$ =

Count forwards in tenths:

$\frac{1}{10}$ ___ ___ ___ ___ ___ ___

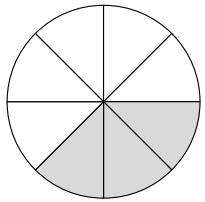
Count back in tenths:

$\frac{9}{10}$ ___ ___ ___ ___ ___ ___

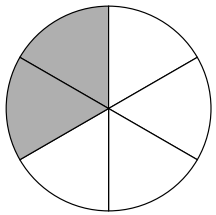
Write these fractions in order of size:

$\frac{3}{4}$ $\frac{2}{4}$ $\frac{1}{4}$

What fraction is shaded?



What fraction is shaded?



Calculate

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

$\frac{6}{7} - \frac{2}{7} =$

Put < or >

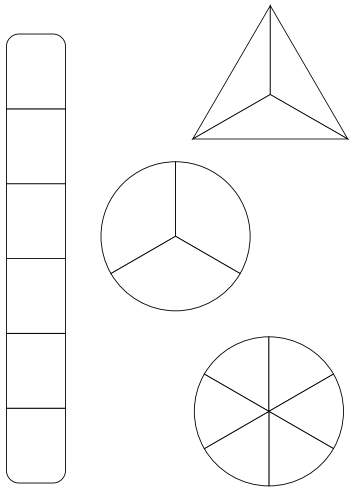
$\frac{1}{4}$ ☐ $\frac{1}{5}$

$\frac{3}{4}$ ☐ $\frac{2}{4}$

$\frac{1}{10}$ ☐ $\frac{1}{8}$

$\frac{1}{4}$ ☐ $\frac{1}{3}$

Shade a third of each of these shapes:



Write the calculation. Give the answer.

$\frac{1}{3}$ **of 15 pens**

$\frac{1}{10}$ **of 10 sweets**

$\frac{1}{2}$ **of 8 cars**

$\frac{1}{4}$ **of 12 cupcakes**

A cake is cut into 10 slices.

$\frac{1}{10}$ of the cake is eaten in the morning.

$\frac{3}{10}$ of the cake is eaten in the afternoon.

What fraction is left?

15 toys were shared between three friends.

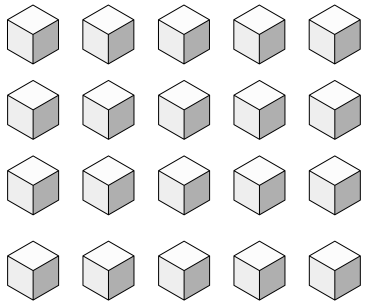
One friend got $\frac{2}{5}$

Another friend got $\frac{1}{5}$

What fraction did the last friend get?

ANSWERS

YEAR 3: Fractions



There are 20 cubes. Find:

$\frac{1}{2} = 10$ $\frac{1}{10} = 2$

$\frac{1}{4} = 5$ $\frac{1}{5} = 4$

Count forwards in tenths:

$\frac{1}{10}$ $\frac{2}{10}$ $\frac{3}{10}$ $\frac{4}{10}$ $\frac{5}{10}$ $\frac{6}{10}$ $\frac{7}{10}$

Count back in tenths:

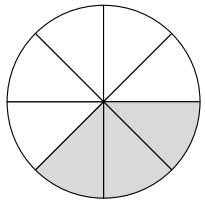
$\frac{9}{10}$ $\frac{8}{10}$ $\frac{7}{10}$ $\frac{6}{10}$ $\frac{5}{10}$ $\frac{4}{10}$ $\frac{3}{10}$

Write these fractions in order of size:

$\frac{3}{4}$ $\frac{2}{4}$ $\frac{1}{4}$

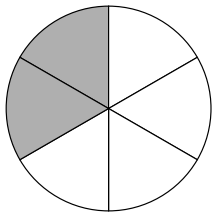
$\frac{1}{4} < \frac{2}{4} < \frac{3}{4}$

What fraction is shaded?



$\frac{3}{8}$

What fraction is shaded?



$\frac{2}{6}$

Calculate

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

$\frac{6}{7} - \frac{2}{7} = \frac{4}{7}$

Put < or >

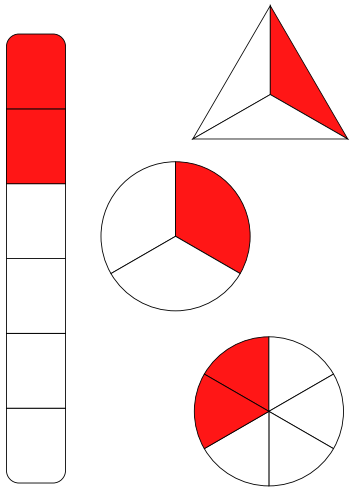
$\frac{1}{4} < \frac{1}{5}$

$\frac{3}{4} > \frac{2}{4}$

$\frac{1}{10} < \frac{1}{8}$

$\frac{1}{4} < \frac{1}{3}$

Shade a third of each of these shapes:



Write the calculation. Give the answer.

$\frac{1}{3}$ **of 15 pens** $15 \div 3 = 5$ 5 pens

$\frac{1}{10}$ **of 10 sweets** $10 \div 10 = 1$ 1 sweet

$\frac{1}{2}$ **of 8 cars** $8 \div 2 = 4$ 4 cars

$\frac{1}{4}$ **of 12 cupcakes** $12 \div 4 = 3$ 3 cupcakes

A cake is cut into 10 slices.

$\frac{1}{10}$ of the cake is eaten in the morning.

$\frac{3}{10}$ of the cake is eaten in the afternoon.

What fraction is left? $\frac{6}{10}$

15 toys were shared between three friends.

One friend got $\frac{2}{5}$

Another friend got $\frac{1}{5}$

What fraction did the last friend get? $\frac{2}{5}$