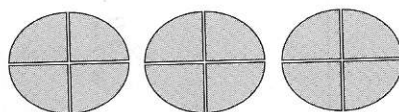
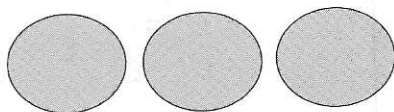


EXERCISE 1

1. Divide. Then use the pictures to check your answers.

(a)

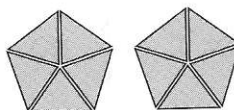
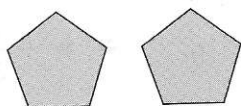


$$3 \div \frac{1}{4} = 3 \times 4$$

$$=$$

3 wholes can be divided into _____ quarters.

(b)

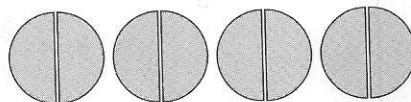
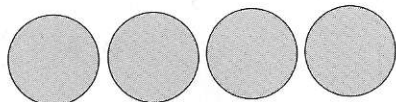


$$2 \div \frac{1}{5} = 2 \times$$

$$=$$

2 wholes can be divided into _____ fifths.

(c)

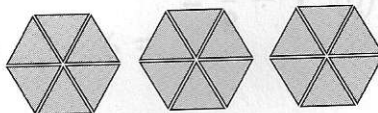
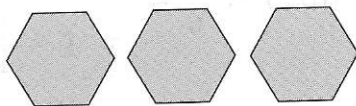


$$4 \div \frac{1}{2} = 4 \times$$

$$=$$

4 wholes can be divided into _____ halves.

(d)



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

$$=$$

3 wholes can be divided into _____ sixths.

2. Divide.

$$(a) 3 \div \frac{1}{2} = 3 \times 2$$

=

$$(b) 3 \div \frac{1}{5} = 3 \times$$

=

$$(c) 4 \div \frac{1}{3} =$$

$$(d) 4 \div \frac{1}{4} =$$

$$(e) 5 \div \frac{1}{5} =$$

$$(f) 6 \div \frac{1}{3} =$$

$$(g) 1 \div \frac{1}{8} =$$

$$(h) 7 \div \frac{1}{6} =$$

EXERCISE 2

Divide.

$$(a) \frac{1}{3} \div 3 = \frac{1}{3} \times \frac{1}{3} \\ =$$

$$(b) \frac{1}{2} \div 6 = \frac{1}{2} \times \\ =$$

$$(c) \frac{1}{6} \div 4 =$$

$$(d) \frac{4}{5} \div 2 =$$

$$(e) \frac{2}{5} \div 4 =$$

$$(f) \frac{8}{9} \div 4 =$$

$$(g) \frac{3}{4} \div 2 =$$

$$(h) \frac{2}{3} \div 6 =$$

EXERCISE 3

1. Divide.

$$(a) \frac{1}{2} \div \frac{1}{3} =$$

$$(b) \frac{1}{3} \div \frac{1}{6} =$$

$$(c) \frac{4}{5} \div \frac{1}{5} =$$

$$(d) \frac{5}{8} \div \frac{1}{4} =$$

$$(e) 4 \div \frac{4}{5} =$$

$$(f) 6 \div \frac{3}{4} =$$

$$(g) \frac{1}{8} \div \frac{3}{4} =$$

$$(h) \frac{4}{9} \div \frac{2}{3} =$$

EXERCISE 4

Find the value of each of the following:

$$(a) \quad \frac{3}{4} - \frac{3}{8} + \frac{1}{2}$$
$$=$$

$$(b) \quad \frac{3}{8} + \frac{2}{3} - \frac{1}{4}$$
$$=$$

$$(c) \quad \frac{2}{3} \times \frac{3}{8} \times 2$$
$$=$$

$$(d) \quad \frac{4}{9} \div 2 \div \frac{1}{6}$$
$$=$$

$$(e) \quad 7 \div 2 \times \frac{2}{7}$$
$$=$$

$$(f) \quad \frac{5}{6} \times \frac{4}{5} \div 4$$
$$=$$

$$(g) \quad \frac{3}{5} \times \frac{2}{9} \div \frac{3}{10}$$
$$=$$

$$(h) \quad \frac{3}{8} \div \frac{3}{4} \times \frac{2}{5}$$
$$=$$

EXERCISE 5

1. Find the value of each of the following:

$$(a) \quad \frac{4}{5} \times \frac{5}{6} - \frac{2}{3}$$

=

$$(b) \quad \frac{3}{4} \div \frac{9}{10} - \frac{1}{2}$$

=

$$(c) \quad 3 + 4 \times \frac{5}{8}$$

=

$$(d) \quad 5 - \frac{2}{3} \div \frac{1}{6}$$

=

$$(e) \quad \frac{5}{6} - \frac{2}{3} \times \frac{3}{8}$$

=

$$(f) \quad \frac{3}{4} + \frac{2}{5} \div \frac{3}{10}$$

=

$$(g) \quad \frac{1}{2} + 3 \times \frac{1}{4} \div \frac{3}{8}$$

=

$$(h) \quad \frac{1}{2} + \frac{5}{6} \times \frac{9}{10} - \frac{1}{3}$$

=

Find the value of each of the following:

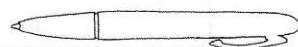
<p>(a) $\frac{7}{8} - \frac{3}{4} + \frac{1}{2}$</p> <p>=</p>	<p>(b) $\frac{1}{3} + \frac{5}{6} - \frac{1}{2}$</p> <p>=</p>	<p>(c) $\frac{2}{3} \times \frac{1}{8} \div \frac{1}{2}$</p> <p>=</p>
<p>(d) $\frac{4}{5} - \frac{3}{5} \times \frac{1}{6}$</p> <p>=</p>	<p>(e) $\frac{1}{2} + 8 \div \frac{4}{9}$</p> <p>=</p>	<p>(f) $\frac{4}{5} \div \frac{3}{5} \times \frac{1}{3}$</p> <p>=</p>

Shade the spaces which contain the answers. This will help Annie find her pen.



Annie

start	$\frac{5}{8}$	$18\frac{1}{2}$	11	$\frac{3}{4}$
$\frac{6}{7}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{2}{3}$	7
$\frac{1}{2}$	$2\frac{3}{5}$	$5\frac{3}{4}$	$\frac{4}{9}$	$\frac{7}{10}$



EXERCISE 6

1. Find the value of each of the following:

(a) $\left(\frac{3}{5} - \frac{1}{3}\right) \times \frac{5}{8}$ =	(b) $\frac{3}{4} \div \left(\frac{1}{6} + \frac{2}{3}\right)$ =
(c) $\frac{2}{5} + (5 - 3) \div \frac{4}{5}$ =	(d) $\frac{4}{5} - \left(1 - \frac{2}{5}\right) \div 3$ =
(e) $\frac{6}{7} \times \left(\frac{1}{4} + \frac{1}{3}\right) - \frac{1}{3}$ =	(f) $\frac{3}{4} + \left(\frac{1}{4} + \frac{3}{8}\right) \div \frac{5}{6}$ =
(g) $\left(1 - \frac{3}{8}\right) \div \left(\frac{1}{3} \times \frac{1}{2}\right)$ =	(h) $4 \div \left(\frac{1}{5} + \frac{1}{4}\right) \times \frac{3}{10}$ =

2 Find the value of each of the following:

<p>(a) $\frac{1}{2} + \frac{1}{2} \times \frac{1}{4} - \frac{3}{8}$</p> <p>=</p> <p>O</p>	<p>(b) $\frac{2}{5} \times (5 - 3) \div \frac{7}{10}$</p> <p>=</p> <p>I</p>
<p>(c) $\frac{2}{3} \div 4 \times \frac{3}{4}$</p> <p>=</p> <p>C</p>	<p>(d) $2 \div (\frac{1}{2} + \frac{1}{4}) \times \frac{3}{8}$</p> <p>=</p> <p>E</p>
<p>(e) $(1 - \frac{3}{8}) \div (\frac{1}{2} + \frac{1}{3})$</p> <p>=</p> <p>S</p>	<p>(f) $\frac{1}{6} + \frac{5}{6} \div \frac{5}{6} - \frac{2}{3}$</p> <p>=</p> <p>L</p>

What kind of triangle has two equal sides?

Write the letters which match the answers to find out.

		○						
$1\frac{1}{7}$	$\frac{3}{4}$	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{8}$	1	$\frac{1}{2}$	1	$\frac{3}{4}$