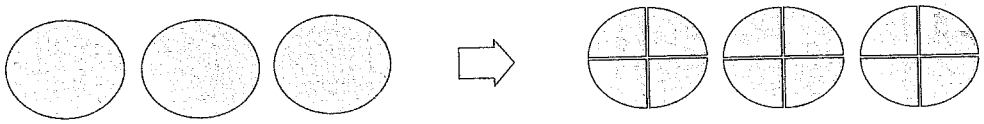
EXERCISE 1

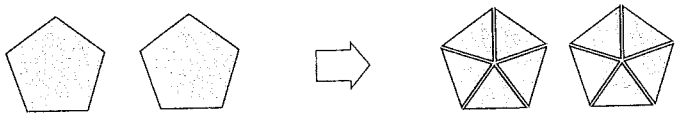
1. Divide. Then use the pictures to check your answers.

(a) 

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

$=$

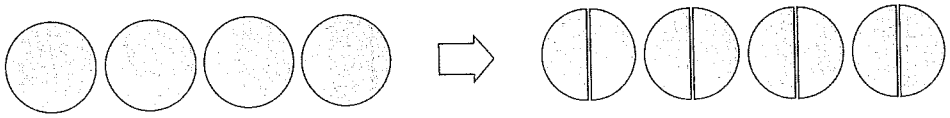
3 wholes can be divided into _____ quarters.

(b) 

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

$=$

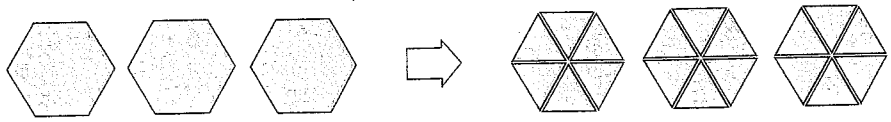
2 wholes can be divided into _____ fifths.

(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

1. 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

1. Find the value of each of the following:

(a) $\frac{3}{4} - \frac{3}{8} + \frac{1}{2}$ $=$	(b) $\frac{3}{8} + \frac{2}{3} - \frac{1}{4}$ $=$
(c) $\frac{2}{3} \times \frac{3}{8} \times 2$ $=$	(d) $\frac{4}{9} \div 2 \div \frac{1}{6}$ $=$
(e) $7 \div 2 \times \frac{2}{7}$ $=$	(f) $\frac{5}{6} \times \frac{4}{5} \div 4$ $=$
(g) $\frac{3}{5} \times \frac{2}{9} \div \frac{3}{10}$ $=$	(h) $\frac{3}{8} \div \frac{3}{4} \times \frac{2}{5}$ $=$

EXERCISE 5

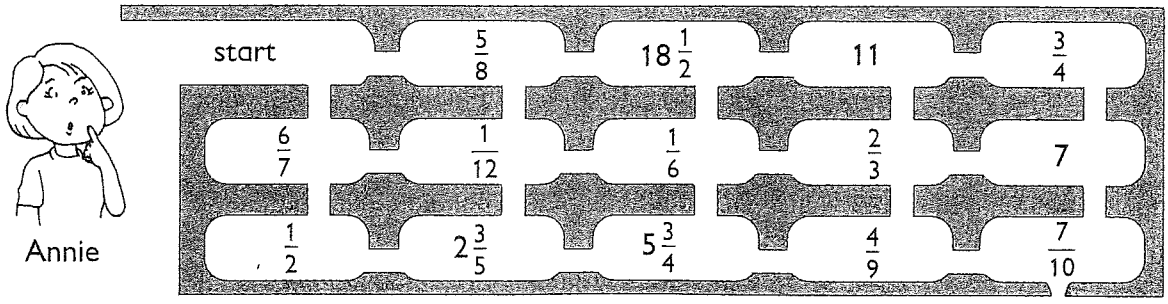
1. Find the value of each of the following:

(a) $\frac{4}{5} \times \frac{5}{6} - \frac{2}{3}$ $=$	(b) $\frac{3}{4} \div \frac{9}{10} - \frac{1}{2}$ $=$
(c) $3 + 4 \times \frac{5}{8}$ $=$	(d) $5 - \frac{2}{3} \div \frac{1}{6}$ $=$
(e) $\frac{5}{6} - \frac{2}{3} \times \frac{3}{8}$ $=$	(f) $\frac{3}{4} + \frac{2}{5} \div \frac{3}{10}$ $=$
(g) $\frac{1}{2} + 3 \times \frac{1}{4} \div \frac{3}{8}$ $=$	(h) $\frac{1}{2} + \frac{5}{6} \times \frac{9}{10} - \frac{1}{3}$ $=$

2. Find the value of each of the following:

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

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



EXERCISE 6

1. Find the value of each of the following:

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

2. Find the value of each of the following:

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

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	$\frac{3}{4}$