

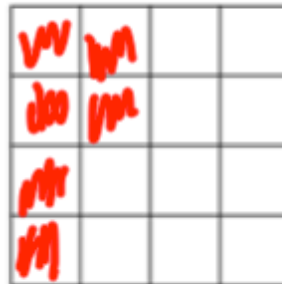
Arrange in order from smallest to largest.

31.8    0.081    4    0.3

0.081, 0.3, 4,  
31.8

Shade  $\frac{3}{8}$  of this grid.

$$\frac{3}{8} \text{ of } 16 = 6$$



Coin      Number of coins

1p	23	23p
2p	15	30p
5p	9	45p
10p	3	30p

Work out the total value of the coins

or 128p  
£1.28

Jonny buys 4 plants that cost 70p each. ~~70~~ =

He has £5.

How much change does he get?

£2.80

£5 - £2.80  
£2.20

Work out  $545 \times 33$

$$\begin{array}{r} 545 \\ \times 33 \\ \hline 1635 \\ 16350 \\ \hline 17985 \end{array}$$

17985

What is the reciprocal of 5?

$$\frac{1}{5}$$

What is the reciprocal of  $\frac{3}{5}$ ?

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

$$8 + 4 + 7 + 11 = 30$$

A fifth number is added and the mean of the five numbers is 7.

What is the fifth number?

$$5$$

$$5 \times 7 = 35$$

9 12 15 18 ... ..

Is 93 a term in this sequence?

$$3n + 6$$

yes

$$3n + 6 = 93$$

$$3n = 87$$

$$n = 29$$

Yasmin buys 10 boxes of crisps.

The cost of each box is £3.

Each box contains 20 packets of crisps.

Yasmin sells  $\frac{3}{4}$  of the packets of crisps for 50p.

She then reduces the price by 20% and sells the remaining packets.

Work out the total profit.

$$£65$$

$$£30 \text{ cost } 200 \text{ packets}$$

$$\frac{3}{4} \text{ of } 200 = 150$$

$$150 \times 50p = £75$$

$$50 \times 40p = £20$$

$$£95$$

$$1 < \frac{6x - 3}{5} < 9$$

$x$  is an integer.  
Find the possible solutions.

$$5 < 6x - 3 < 45$$

$$8 < 6x < 48$$

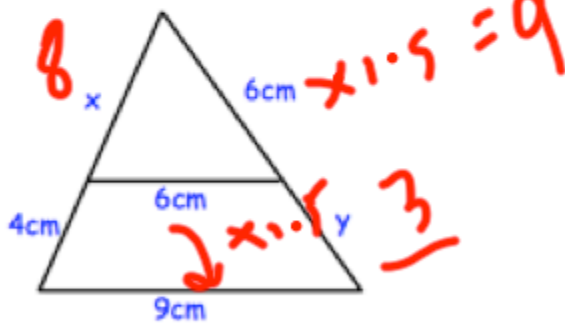
$$1.3 < x < 8$$

$$2, 3, 4, 5, 6, 7$$

The price of a TV in the sales is reduced by 5% to £389.50.

What was the price of the TV before the sales?

$$389.50 \div 0.95 = \pounds 410$$



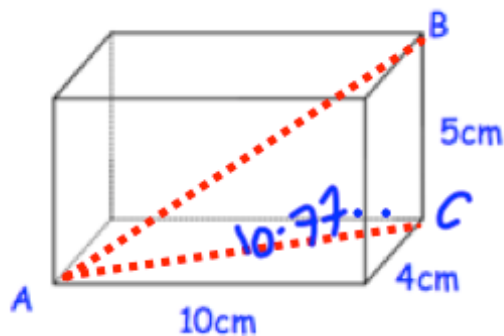
Find  $x$  and  $y$ .

$$y = 9$$

$$x = 8$$

Work out

$$36^{-\frac{1}{2}} = \frac{1}{6}$$



Find the distance AB.

$$AC = 10.77 \dots$$

$$AB = \underline{\underline{11.874 \text{ cm}}}$$