A cube has a volume of $64cm^3$
Calculate the surface area of the cube

……

$\frac{3}{5}$ of a number is 120
What was the number?

……

Write $3\sqrt{18}$ in its simplest form

……

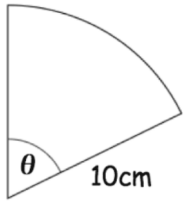
A TV is reduced by 40% in a sale.
The discount is £180.
How much did the TV originally cost?

£ ……

A circle has a diameter of 8 cm.
Calculate the area in terms of π

…… **cm^2**

The area of the sector is 12.5π cm^2
What angle is θ?



……

$4\frac{1}{5} + 2\frac{3}{7}$

……

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

……

$A = 2^2 \times 3^2 \times 5^2$
$B = 2 \times 3^2 \times 5 \times 7$

Find the HCF of A and B

……

Find the LCM of A and B

……

Evaluate $27^{-\frac{1}{3}}$

……

Evaluate $(\frac{2}{3})^{-2}$

……

Evaluate $(\frac{81}{16})^{\frac{3}{4}}$

……

Evaluate $(\frac{25}{64})^{-\frac{3}{2}}$

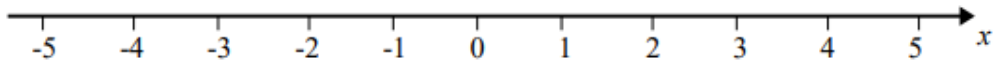
……

$y = -\frac{4}{7}x + 8$

Equation of a line that is parallel ……

Equation of a line that is perpendicular ……

On the number line show the inequality $-x \leq 1$



$-1 \leq \mathbf{2y + 3} < 10$ where y is an integer.
Write down all the possible values of y.

.....

Solve $2(3x + 5) < 8x + 4$

.....

The dimensions of a cuboid are given as follows:

Length = 10 m
Width = 4 m
Height = 6 m

What is the total surface area of the cuboid?

.....

Write $\frac{x^2 + 7x - 18}{2x^2 - x - 6}$ in the form $\frac{x + a}{bx + c}$ where a, b and c are integers

Solve $\frac{8}{x+3} + \frac{3}{x+8} = 1$

Work out the value of $(5 \times 10^3) \times (6 \times 10^7)$

Give your answer in standard form.

.....

Work out $\frac{7.5 \times 10^6}{2.5 \times 10^{-3}}$

Give your answer in standard form.

.....