A cube has a surface area of 96cm^2
Calculate the volume of the cube

……

$2\frac{1}{4}$ of a number is 90
What was the number?

……

Write $4\sqrt{128}$ in its simplest form

……

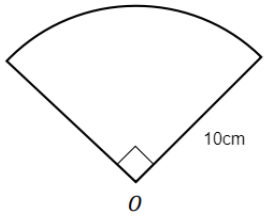
A house increased in price by 35%.
The price increase was £70,000.
How much did the house originally cost?

£ ……

A circle has an area of 25π cm^2
Calculate the circumference of the circle.
Give your answer in terms of π.

…… **cm**

Calculate the area in terms of π



…… **cm²**

$2\frac{2}{5} - 1\frac{3}{8}$

……

$3\frac{2}{3} \div 4\frac{4}{5}$

……

A is written as a product of its prime factors.
What is A as an ordinary number?

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

……

Evaluate $8^{1/3}$

……

Evaluate 8^{-2}

……

Evaluate $(\frac{8}{125})^{\frac{2}{3}}$

……

Evaluate $(\frac{16}{81})^{-\frac{3}{2}}$

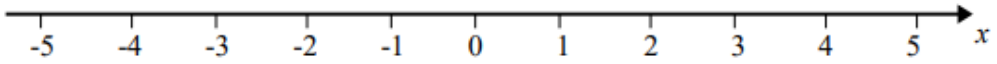
……

2y = 6x + 9

Equation of a line that is parallel ……

Equation of a line that is perpendicular ……

On the number line show the inequality $x + 5 \leq 4$



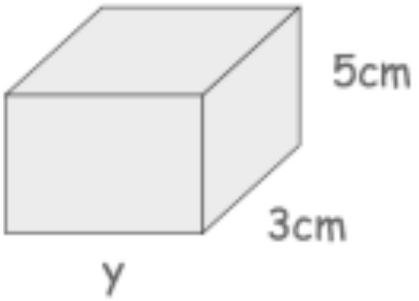
$-4 \leq y + 4 < 1$ where y is an integer.
Write down all the possible values of y.

.....

Solve $2x + 2 < 4x + 5$

.....

This cuboid has a surface area of $190cm^2$
Work out the value of y.



.....

Simplify

$$\frac{2x^2 + 13x + 6}{x^2 - 36}$$

Simplify

$$\frac{4x + 2}{3x} \div \frac{3x}{x}$$

Write 34,006 in standard form

.....

Write 3.06×10^{-4} as a normal number

.....

Give your answer in standard form $(2.4 \times 10^4) \times (3 \times 10^2)$

.....