

March 17th

5-a-day

Numeracy

Work out $398 + 382$

$$\begin{array}{r} 398 \\ + 382 \\ \hline 780 \end{array}$$

Work out $831 - 348$

$$\begin{array}{r} 831 \\ - 348 \\ \hline 483 \end{array}$$

Write 29% as a fraction

$$\frac{29}{100}$$

$$\frac{5}{7} = \frac{15}{21}$$

Simplify

$$\frac{40}{48}$$

$$\frac{5}{6}$$

$\frac{3}{8}$ of 72

$$\begin{aligned} 72 \div 8 &= 9 \\ 9 \times 3 &= \end{aligned}$$

$$\underline{27}$$

Complete these sentences with suitable metric units.

An average man is about 1.75 metres tall

A mouse weighs 24 grams.....

The distance between two towns is 9 kilometres.....

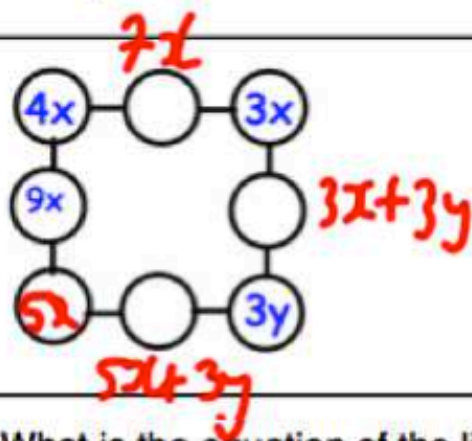
Solve $5y - 2 < 13$

$$\begin{array}{l}
 +2 \quad +2 \\
 5y < 15 \\
 \div 5 \quad \div 5 \\
 y < 3
 \end{array}$$

List all the possible integer values for n , such that

$$2 \leq n < 6$$

2, 3, 4, 5



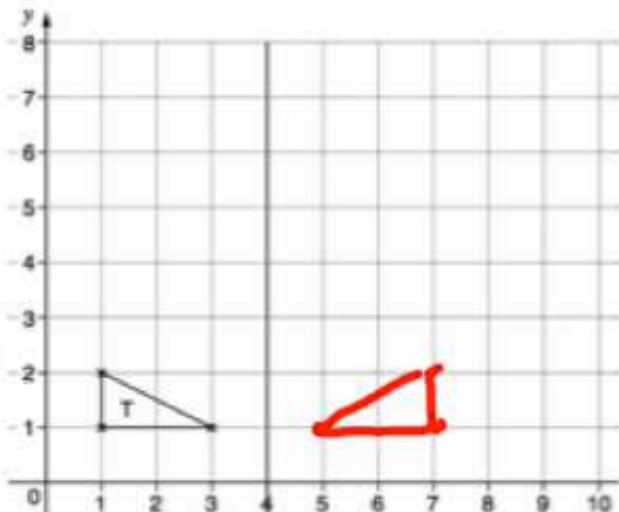
The terms in the corners are added to give the terms in the middle of each column/row.

Complete the addagone

What is the equation of the line drawn?

$$x = 4$$

Reflect triangle T in that line.



Write 0.522222... as a fraction

$$x = 0.52222\ldots$$

$$10x = 5.222\ldots$$

$$100x = 52.222\ldots$$

$$90x = 47$$

$$x = \frac{47}{90}$$

Find the HCF of 46 and 58

$$2$$

Solve $x^2 - 3x - 10 = 0$.

$$(x+2)(x-5) = 0$$

$$x = -2 \text{ or } x = 5$$

Simplify

$$\frac{(x+4)(3-x)}{x^2 + 9x + 20}$$

$$\frac{\cancel{(x+4)}(3-x)}{\cancel{(x+4)}(x+5)}$$

$$\frac{3-x}{x+5}$$

Show

$$(x+2)^2 - (x+2) \equiv (x+2)(x+1)$$

$$\text{LHS}$$

$$(x+2)(x+2) - (x+2)$$

$$x^2 + 4x + 4 - x - 2$$

$$x^2 + 3x + 2$$

$$(x+2)(x+1)$$