

22nd December

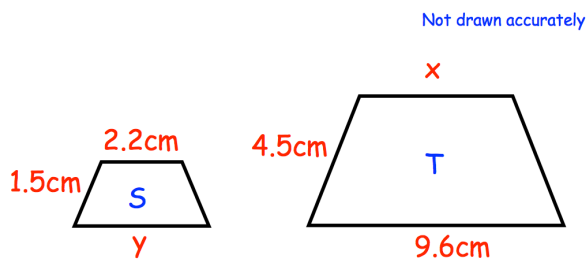
Corbettmaths

The front elevation of a solid shape is a triangle.
 The side elevation of the solid shape is a triangle.
 The plan view of the solid shape is a square.

Write down the name of the shape.

James bought a house.
 In the first year the value of the house decreased by 10%.
 In the second year the value of the house increased by 10%.

Is the house worth more, less, or the same as what James paid for it?
 Explain your answer.



Trapezium S and trapezium T are similar.

Find the size of x.

There are 40 children at a youth club.
 There are 23 girls.
 9 girls play rounders.
 4 boys do not play rounders.

How many boys play rounders at the youth club?

Expand and simplify

$$(w + 3)(w + 4) - (w + 2)(w + 7)$$