

Solve
 $3(a - 5) = 12$

$a =$

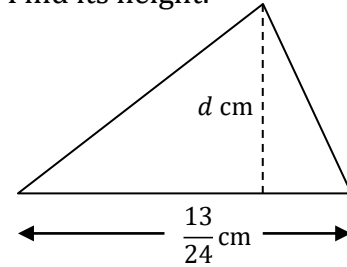
Find the median of
 $a, 3, 7, 1, 4, 12$

$b =$

Evaluate
 $b - 3\frac{1}{3}$
 leaving your answer as a mixed number.

$c =$

The area of this triangle is
 $c \text{ cm}^2$
 Find its height.



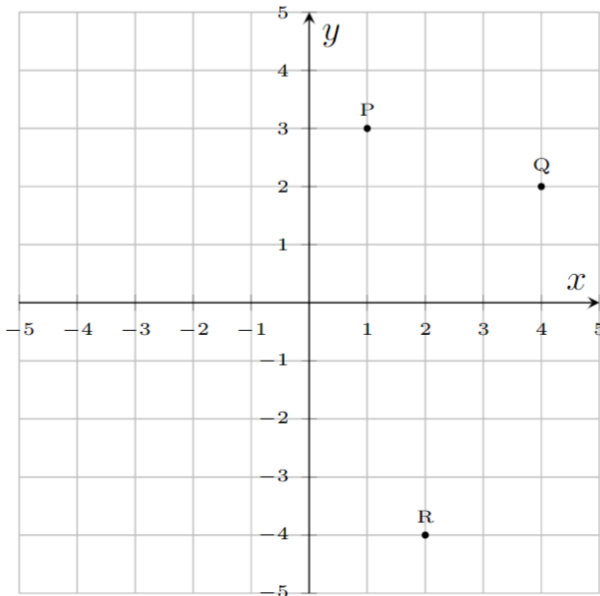
$d =$

Is 387248 divisible by d .
 Explain your answer.

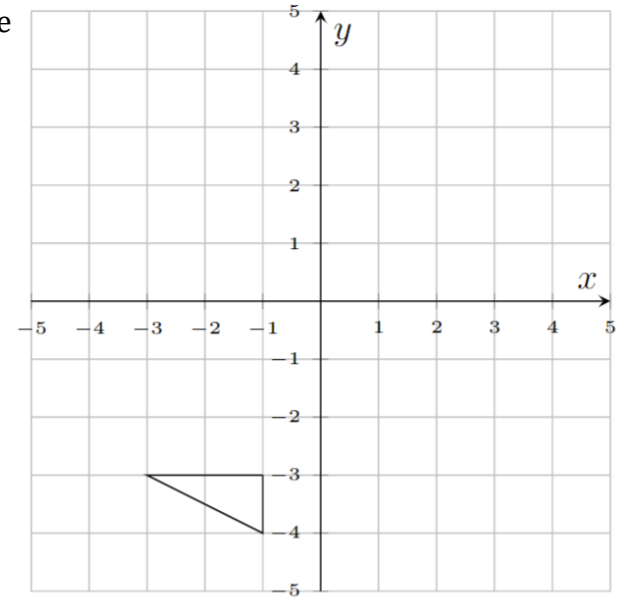
The points plotted form three vertices of a rectangle PQRS.
 Point S has the coordinates (e, f) .
 Find e and f

$e =$

$f =$



Reflect the triangle in the line $y = e$



Solve

$$3a + 2 = 5a - 8$$

$a =$ _____

Find b

$b =$ _____

A regular polygon has interior angles of size b° .
How many sides does this polygon have?

$c =$ _____

Plot the graph $y = 2x + c$

x	-2	-1	0	1	2
y					

Decrease £3500 by $c\%$

$d =$ _____

What position is d in the sequence:
8, 17, 26, 35, ...

$e =$ _____

Amar and Finlay share £ e in the ratio 1 : 5.
How much does Finlay receive?

$f =$ _____

A circle has radius f mm.
Find its area in mm^2

g is your answer correct to 3 sig fig.

$g =$ _____

The area of this parallelogram is $\frac{g}{1000} \text{ cm}^2$.
Find the value of h

$h =$ _____

The mean of $a, b, c, d, e, f, g, h, i$ is 30797.
Calculate i .

$i =$ _____