$$x - 2y = 13$$

Find the equation of the perpendicular bisector of the points

$(-3, -1)$ and $(5, 7)$

A

$$y = -\frac{1}{4}x - 4$$

Two perpendicular lines l_1 and l_2 intersect at point $(-2, 4)$.

l_2 crosses the x - axis at point $(-3, 0)$.

Find the equation of the line l_1 in the form $ax + by = c$

B

$$y = \frac{1}{4}x - 4$$

Find the equation of the line perpendicular to

$$4y + 8x = 8$$

passing through $(-2, -3)$

C

$$y = -6x$$

Find the equation of the line passing though $(4, 24)$ and $(-1, -1)$

D

20

Two perpendicular lines l_1 and l_2 intersect at point A$(2,5)$.

l_1 crosses the x axis at point B$(-3,0)$.

l_2 crosses the x axis at point C.

Find the area of the triangle ABC

E

$$y = \frac{1}{2}x - 2$$

Find the equation of the line perpendicular to

$$2y - x = 2$$

passing through $(-1,4)$

F

$$y = -2x + 2$$

Two perpendicular lines l_1 and l_2 intersect at point $(2, 4)$.

l_2 crosses the x - axis at point $(4, 0)$.

Find the equation of the line l_1 in the form $ax + by = c$

G

$$y = -\frac{1}{2}x - 2$$

Two perpendicular lines l_1 and l_2 intersect at point A$(-2, -6)$.

l_1 crosses the x axis at point B$(-8,0)$.

l_2 crosses the x axis at point C.

Find the area of the triangle ABC

H

$$y = -4x - 1$$

Find the equation of the line perpendicular to

$$y - 2x = -1$$

passing through $(-4,0)$

$$x + 6y = -140$$

Find the equation of the line passing through $(6, -25)$ and $(-1,3)$

J

36

Two perpendicular lines l_1 and l_2 intersect at point A$(-1,-3)$.

l_1 crosses the x axis at point B$(5,0)$.

l_2 crosses the x axis at point C.

Find the area of the triangle ABC

K

11.25

Find the equation of the line perpendicular to

$$4y = 16x + 6$$

passing through $(-12, -1)$

L

$$y + 7x = 1$$

Find the equation of the perpendicular bisector of the points $(-4, 2)$ and $(-12, -46)$

M

$$y = 2x - 2$$

Find the equation of the line passing though $(4, -24)$ and $(5, -30)$

N

25

Two perpendicular lines l_1 and l_2 intersect at point $(-9, 6)$.

l_2 crosses the $x - axis$ at point $(-6, 0)$.

Find the equation of the line l_1 in the form $ax + by = c$

0

$$x + 4y = 14$$

Find the equation of the perpendicular bisector of the points $(3, 0)$ and $(7, -8)$

P

$$x - 2y = -21$$

Find the equation of the line passing through

$(1, -6)$ and $(-5, 36)$

Q

$$y = 5x + 4$$

Find the equation of the line perpendicular to

$$y + 4x = 6$$

passing through $(8, -2)$

R

$$x - 2y = -6$$

Two perpendicular lines l_1 and l_2 intersect at point A$(-1, -4)$.

l_1 crosses the x axis at point B$(-3,0)$.

l_2 crosses the x axis at point

C. Find the area of the triangle ABC

S

$$x + y = 4$$

Find the equation of the line parallel to

$$10x - 5y = 5$$

passing through $(0, -2)$

T

AS Treasure Hunt