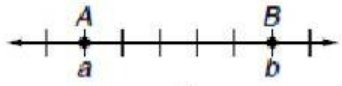
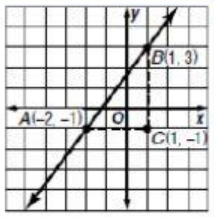
Attālums starp diviem punktiem

SR. Prot noteikt attālumu starp diviem punktiem.

Attālums starp diviem punktiem uz skaitļa ass.	Attālums starp diviem punktiem koordinātu plaknē
 $AB = \lvert b - a \rvert$ / $\lvert a - b \rvert$	***Pitagora teorēma*** $a^2 + b^2 = c^2$ ***Attāluma formula*** $d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$ 

1. Nosaki attālumu starp abiem punktiem.

- A (0;0) B(6;8)

$d = \sqrt{(\quad - \quad)^2 + (\quad - \quad)^2} =$

$\sqrt{\quad^2 + \quad^2} = \sqrt{\quad} =$

- M (1; -2) N (9; 13)

$d = \sqrt{(\quad - \quad)^2 + (\quad - \quad)^2} =$

$\sqrt{\quad^2 + \quad^2} = \sqrt{\quad} =$

- R (-2;3) S (3;15)

$d = \sqrt{(\quad - \quad)^2 + (\quad - \quad)^2} =$

$\sqrt{\quad^2 + \quad^2} = \sqrt{\quad} =$

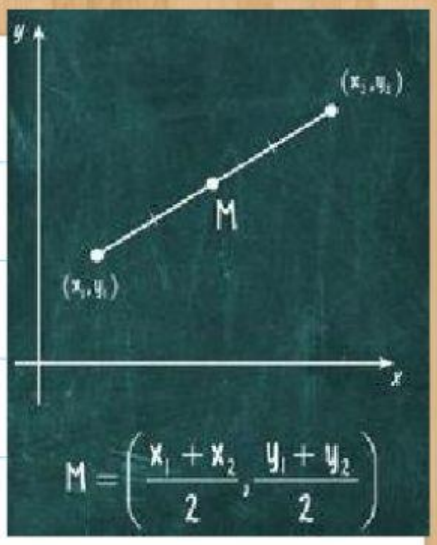
- G (-12; 2) F (-9; 6)

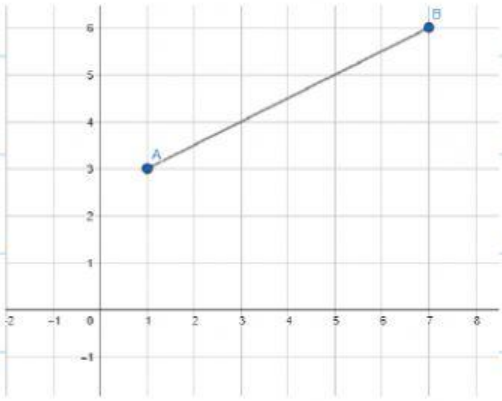
$d = \sqrt{(\quad - \quad)^2 + (\quad - \quad)^2} =$

$\sqrt{\quad^2 + \quad^2} = \sqrt{\quad} =$

SR. Prot atrast nogriežņa viduspunkta koordinātas.

2. Nosaki Attēlā doto nogriežņu viduspunkta koordinātas.

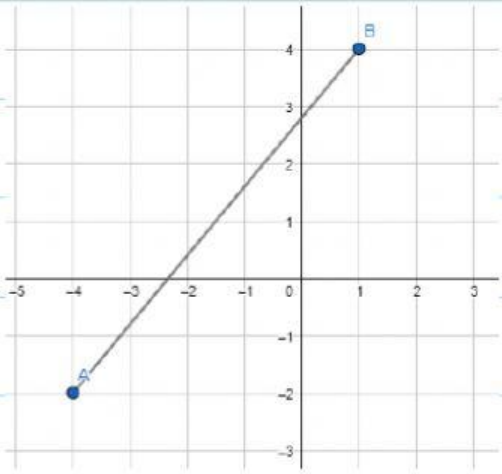




$$\left(\frac{\square + \square}{2}; \frac{\square + \square}{2}\right)$$

Viduspunkta koordinātes

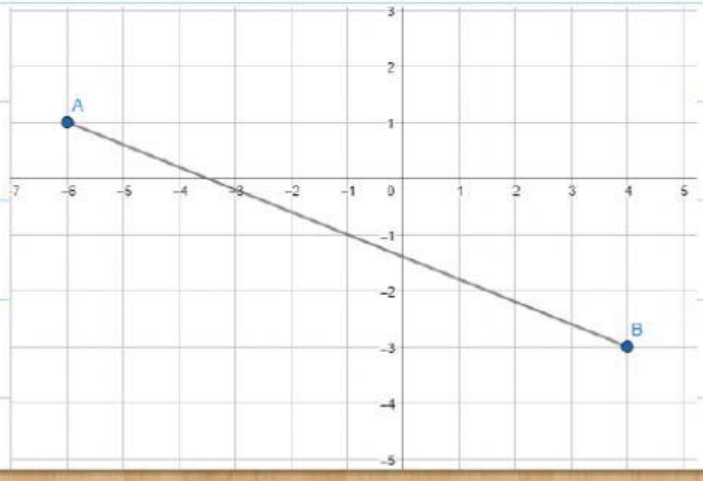
(;)



$$\left(\frac{\square + \square}{2}; \frac{\square + \square}{2}\right)$$

Viduspunkta koordinātes

(;)



$$\left(\frac{\square + \square}{2}; \frac{\square + \square}{2}\right)$$

Viduspunkta koordinātes

(;)