

CIKGU HARNISH



Pusat Tuisyen Skor Impian

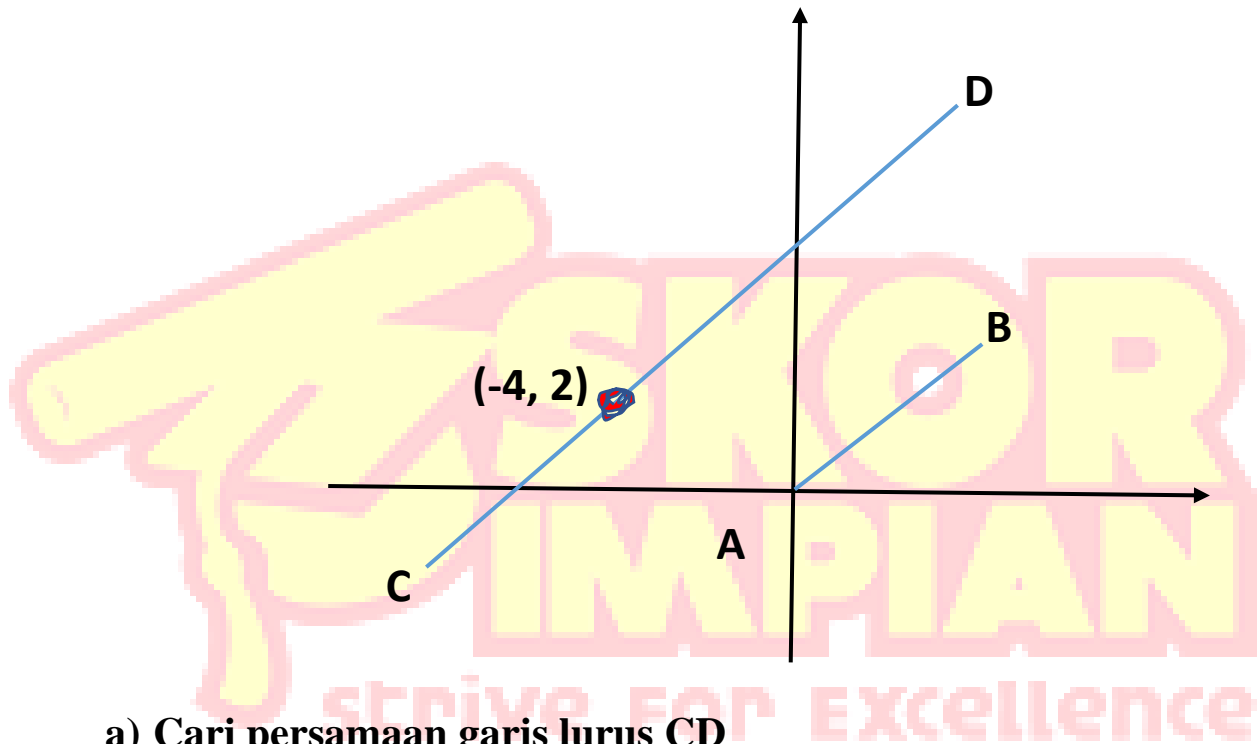


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Bab 5: Garis Lurus

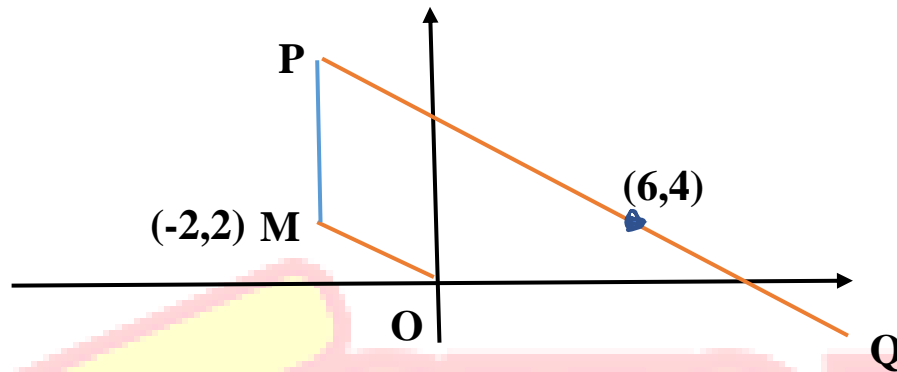
Chapter 4: Straight Line

- 1- Dalam rajah 2, garis lurus AB ialah selari dengan garis CD.
Persamaan bagi garis lurus AB ialah $y = 2x$.
In diagram 2, straight line AB is parallel to straight line CD.
The equation of straight line of AB is $y = 2x$.



- a) Cari persamaan garis lurus CD
Find the equation of straight line CD
- b) Cari pintasan-x bagi garis lurus CD
Find x-intercept of straight line CD

2- Rajah dibawah menunjukkan dua garis selari OM dan PQ. Garis lurus MP ialah selari dengan paksi y dan O ialah asalan. Diagram shows two parallel lines, OM and PQ. Straight line MP is parallel to y-axis and O is the origin.



- a) Cari persamaan garis lurus MP
Find equation of straight line MP
- b) Cari persamaan garis lurus PQ
Find equation of straight line PQ
- c) Cari pintasan-x bagi garis lurus PQ
Find x-intercept of straight line PQ

3- Diberi persamaan bagi garis lurus AB ialah $9 - \frac{3}{4}y = 3x$.

Given the equation of straight line AB is $9 - \frac{3}{4}y = 3x$.

a) Cari kecerunan AB
Find gradient of AB

b) Cari pintasan-y AB
Find y-intercept of AB

c) Cari pintasan-x AB
Find x-intercept of AB

d) Tentukan sama ada garis lurus AB melalui titik (3,-4) atau tidak.
Determine whether straight line AB passes through point (3,-4) or not.

