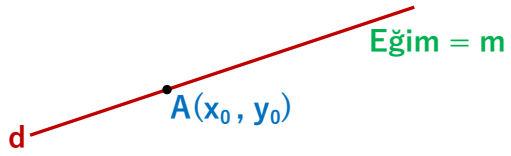
Video Anlatım

Analitik Geometri 2
Doğru Denklemi

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3. Doğru Denklemi :



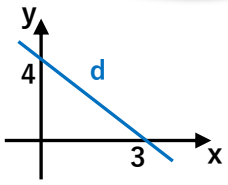
Doğru Denklemi Formülü

$$y - y_0 = m(x - x_0)$$

Örnekler :

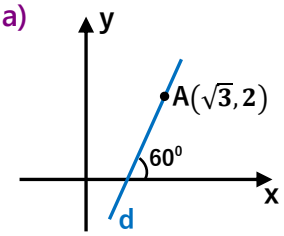
1. $A(5,4)$ noktasından geçen ve eğimi 2 olan doğ-doğrunun denklemini bulun ve grafiğini çizin.

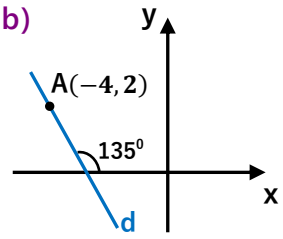
2. $A(3,-4)$ ve $B(0,-2)$ noktalarından geçen doğrunun denklemini bulun ve grafiğini çizin.

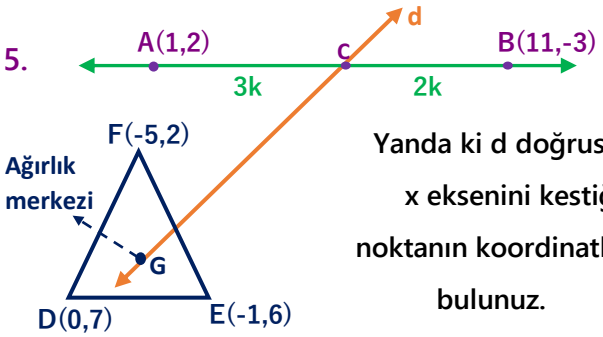
3. 

Yandaki d doğrusunun denklemini bulun.

4. Aşağıdaki doğruların denklemlerini bulun.

a) 

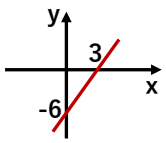
b) 

5. 

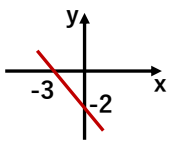
Yanda ki d doğrusunun x eksenini kestiği noktanın koordinatlarını bulunuz.

Daha fazla test ve konu anlatımı için ➡ matematikchi.net

1) $y - 2x + 6 = 0$



2) $2x + 3y + 6 = 0$



3) $4x + 3y - 12 = 0$

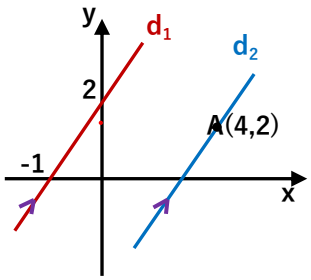
4) a) $y = \sqrt{3}x - 1$

b) $y = -x - 2$

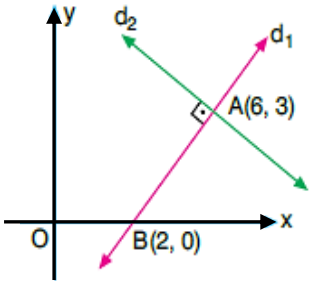
5) $\left(\frac{11}{2}, 0\right)$

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6. 

Yanda ki d_2 doğrusunun denklemini bulun.

7. 

Yanda ki d_2 doğrusunun denklemini bulunuz.

8. $A(3,5)$ ve $B(7,-1)$ noktalarından geçen doğruya paralel olan ve x eksenini 4 de kesen doğrunun denklemini bulun.

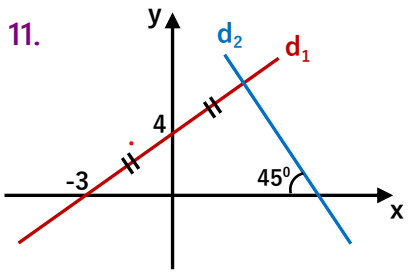
9. $A(0,3)$ ve $B(-2,7)$ noktaları veriliyor.

Buna göre AB doğru parçasının orta dikmesinin denklemini bulun.

10. Köşeleri $A(0,2)$, $B(-3,6)$, $C(1,4)$ olan üçgenin $[BC]$ kenarına ait

a) Kenarortayın denklemini bulun.

b) Yüksekliğin denklemini bulun.

11. 

Yandaki d_2 doğrusunun y eksenini kestiği noktanın ordinatı kaçtır?

6) $y = 2x - 6$ 7) $3y + 4x - 33 = 0$ 8) $3x + 2y - 12 = 0$ 9) $2y - x - 11 = 0$ 10) a) $y = -3x + 2$ b) $y = 2x + 2$ 11) 11