

hysicsaholics



(d) 3y + 4x = 21

(d) 5

DPP - 2 (Baic Math)

Video	So	lution	on	W	ebsite:-	
VIUCU	SU.	lulloll	OII	* *	COSIC.	

https://physicsaholics.com/home/courseDetails/36

Video Solution on YouTube:-

https://youtu.be/JyrG4yyzppM

Written Solution on Website:-

(a) 3y + 4x = 6

https://physicsaholics.com/note/notesDetalis/70

(c) 3y + 4x = 8

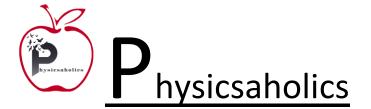
Q 1. Area of triangle formed by line y-x=6, x axis and y axis is
(a) 36 (b) 24 (c) 18 (d) 12

(b) 3y + 4x = 9

- Q 2. Equation of line parallel to line 3y + 4x = 12 and passing through point (3,3) is
- Q 3. If straight lines 3x + 4y = 3 and 6x by = 3 are perpendicular to each other, Find b?

 (a) 3/5 (b) 4/9 (c) 7/2 (d) 9/2
- Q 4. Distance between points (1,3) & (-3,6)?
 (a) 5 (b) 3 (c) 4 (d) None of these
- Q 5. Coordinates of the point which divides the distance between the points A(0,2) & B(4,0) in the ratio 1:2 is?

 (a) $\left(\frac{1}{3}, \frac{2}{3}\right)$ (b) $\left(-\frac{4}{3}, -\frac{4}{3}\right)$ (c) $\left(\frac{4}{3}, \frac{4}{3}\right)$ (d) $\left(-\frac{1}{3}, -\frac{1}{3}\right)$
- Q 6. Find the gradient of line 3x + 5y 2 = 0?
 - (a) $-\frac{3}{5}$ (b) $-\frac{5}{3}$ (c) -3
- Q 7. Find out the slope of line which is passing through the points (5,0) & (-2,6)? (a) $\frac{6}{7}$ (b) $-\frac{6}{7}$ (c) 6 (d) -6
- Q 8. Find out the equation of line which is passing through the points (3,1) & (2,-1)? (a) x - 3y - 2 = 0 (b) x - y = 0(c) y - 2x + 5 = 0 (d) 2y - x + 5 = 0
- Q 9. Point of intersection of lines 3x + 2y 1 = 0 & y = x + 2?
- (a) $\left(-\frac{3}{5}, \frac{7}{5}\right)$ (b) $\left(\frac{3}{5}, \frac{7}{5}\right)$ (c) $\left(\frac{3}{5}, -\frac{7}{5}\right)$ (d) $\left(-\frac{3}{5}, -\frac{7}{5}\right)$
- Q 10. Find out the 'x' intercept of line 2x + 4y 7 = 0? (a) $\frac{2}{7}$ (b) $\frac{1}{7}$ (c) $\frac{7}{2}$ (d) 7
- Q 11. Two straight line $y = m_1 x + c_1 \& y = m_2 x + c_2$ are parallel, if: (a) $m_1 = -m_2$ (b) $m_1 m_2 = -1$ (c) $m_1 m_2 = 0$ (d) $m_1 = m_2$
- Q 12. Which of the following is not an equation of straight line? (a) y = 3x + 2 (b) x 5y 1 = 0 (c) x = 3y + 2 (d) None of these





Answer Key

Q.1 c	Q.2 d	Q.3 d	Q.4 a	Q.5 c
Q.6 a	Q.7 b	Q.8 c	Q.9 a	Q.10 c
Q.11 d	Q.12 d			