

۲۰ عالم نوشتار!

نام و نام خانوادگی پاسخنامه تشریحی تکلیف شماره ۱۰ کلاس یاد هم سپرد

الف) خط از دو نقطه $(-2, 1)$ و $(1, 2)$ عبور کند پس
 $m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{2 - 1}{1 - (-2)} = \frac{1}{3}$
 $y = mx + b \Rightarrow y = \frac{1}{3}x + b$
 $(-2, 1) \Rightarrow 1 = \frac{1}{3}(-2) + b \Rightarrow b = \frac{5}{3}$
 $y = \frac{1}{3}x + \frac{5}{3}$ ✓

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الف) $A \begin{vmatrix} 2 \\ 3 \end{vmatrix}$ و $B \begin{vmatrix} -1 \\ 1 \end{vmatrix} \Rightarrow AB = \sqrt{(2 \cdot 1 + 3 \cdot (-1))^2} = \sqrt{(-1)^2} = 1$ ✓

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الف) $2x + 3y = 4$ و $3x + 4y = 1 \Rightarrow m_1 = -\frac{2}{3}$ و $m_2 = -\frac{3}{4}$ و $m_1 \neq m_2$ (تقاطع)
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(الف)

3

7

④

51

[illegible]

الف)

②

$$y = \frac{-r_m + 1}{-r_m - r}$$

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$$-g = \frac{Y_{mol}}{E_{n-r}}$$

$$y(n-r) = r+1$$

$$g = \frac{r_{m+1}}{r} = \frac{1}{r}$$

$$\begin{aligned} n' &= n - r & g' &= g + r \\ n &= n' + r & g &= g' - r \end{aligned} \quad \underline{\underline{\text{جمله ۱}}}$$

$$y' - r = \frac{r(n' + r) + 1}{(n' + r) - r} \Rightarrow \frac{r n' + r^2 + 1}{n' - 1} = 0$$

$$q' = \frac{r_{n'} + \omega}{n' - 1} + r = \boxed{q' = \frac{\partial x' + r}{n' - 1}}$$

$$y' + r = \frac{r(m' + r) + 1}{y' + r - r} \Rightarrow y' = \frac{r m' + r + 1}{m'}$$

$$y' = \frac{v}{n'}$$

$$\begin{cases} x_n + 5y = 7 \\ x - 10y = 1 \end{cases} \Rightarrow \frac{x_n + 5y = 7}{10y = -1} \Rightarrow \begin{matrix} x_n = 14 \\ y = -\frac{1}{10} \end{matrix}$$

$\frac{r}{9}$ r

$$\begin{cases} x - 6y = 1 \\ x + 5y = 7 \end{cases} \Rightarrow x = -\frac{\begin{vmatrix} 1 & 7 \\ 1 & -6 \end{vmatrix}}{\begin{vmatrix} 1 & -6 \\ 1 & 5 \end{vmatrix}} \quad y = \frac{\begin{vmatrix} 1 & 1 \\ 1 & -6 \end{vmatrix}}{\begin{vmatrix} 1 & -6 \\ 1 & 5 \end{vmatrix}}$$

$$m - 2y = 1 \quad a = -\frac{1f - (-1,1)}{-10 - f} = \frac{1f}{19} \quad y = \frac{(m - r)}{-10 - r} = \frac{1}{-19}$$