

25

$$AB = \frac{C}{a} = 2 \Rightarrow a^2 B^2 = 4$$

$$a + B = \frac{b}{a} = 2$$

$$\frac{B^2 (a^2 + B^2)}{2a^2} = \frac{a^2}{a} = 19$$

$$a^2 + B^2 = S^2 - 2SP = 12 - 2(2 \times 2) = 4$$

$$\frac{4 - 11 \times 2}{2} = \frac{1}{2} (P_1 \times 1/2)$$

سؤال (2)



مردمان

$$| \frac{b}{a} | = \frac{1}{2}$$

$$z = \frac{1}{2} \times 2 = 1$$

$$\Delta = \frac{\sqrt{b^2 - 4ac}}{a} = \frac{\sqrt{16 - 4 \times 1 \times 2}}{1} = \frac{\sqrt{8}}{1} = 2\sqrt{2}$$

$$|k^2 - 2| = \frac{14}{9} k^2 \Rightarrow \frac{14}{9} k^2 = 2 \Rightarrow k^2 = \frac{9}{7} \Rightarrow k = \frac{3}{\sqrt{7}}$$

$$\left[\frac{k}{2} \right] = \left[\frac{3}{2\sqrt{7}} \right] = \left[\frac{3}{2\sqrt{7}} \right] = \left[\frac{3}{2\sqrt{7}} \right]$$

سؤال (3)

$$A(x, y) \quad B(-x, y) \xrightarrow{\text{فرد}} \frac{x^2 - y^2}{2} = -1 \Rightarrow x^2 - y^2 = -2$$

$$a^2 + B^2 = S^2 - 2SP = (-2)^2 - 2P = 4 - 2P = 0 \Rightarrow P = 2$$

$$y = a(x+1)^2 + 1 \Rightarrow y = a(x^2 + 2x + 1) + 1 \Rightarrow y = ax^2 + 2ax + a + 1$$

$$S = \frac{b}{a} = \frac{-2}{a} = -2 \quad P = \frac{c}{a} = \frac{a+1}{a} = \frac{-1}{a} \Rightarrow a + P = -a \Rightarrow P = -2a, a = -1/2$$

$$y = -1/2(x+1)^2 + 1 \Rightarrow y = -1/2 x^2 - 1/2 x - 1/2 + 1 \Rightarrow y = -1/2 x^2 - 1/2 x + 1/2$$

$$\sqrt{b^2 - 4ac} > 0 \Rightarrow b^2 - 4ac > 0 \Rightarrow 16 + 4m > 0 \Rightarrow m > -4$$

مردمان

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a} = \frac{-1 \pm \sqrt{1 + 4m}}{2}$$

$$\frac{-1 + \sqrt{1 + 4m}}{2} < 4 \Rightarrow \sqrt{1 + 4m} < 9 \Rightarrow 1 + 4m < 81 \Rightarrow m < 20$$

$$\sqrt{1 + 4m} < 9 \Rightarrow 1 + 4m < 81 \Rightarrow m < 20$$

$$m < 20$$

$$-4 < m < 20 \Rightarrow m \Rightarrow -4 < m < 20$$

مردمان

DATA:

NUMBER:

$$\frac{-A}{F_a} = P \Rightarrow \frac{-b^2 + \varepsilon a c}{F_a} = P \Rightarrow \frac{-12F + P \cdot m^2 - F_m}{F_m} = P \quad (4 \text{ سوال})$$

$$\frac{P \cdot m^2 - F_m - 12F}{F_m} = P \Rightarrow \frac{P \cdot m^2 - m - 12}{m} = P$$

5 $P \cdot m^2 - m - 12 = P \cdot m \Rightarrow P \cdot m^2 - P \cdot m - m - 12 = 0$

$$m^2 - P \cdot m - 12 = 0 \Rightarrow (m - 12)(m + 1P) = 0 \quad \begin{cases} m = 12 \\ m = -1P = -12 \end{cases}$$

$$P \cdot m^2 - 12F = 12 \Rightarrow -12 = \frac{12}{P} \Rightarrow P = -1$$

10 $P(A) - 12(P) - 12 = 0 \Rightarrow P = 1$

$$P \cdot a^2 = P$$

$$\frac{P \cdot a^2}{a} = \frac{P \cdot a - 1}{1} = P \cdot a - 1 \Rightarrow P \cdot a - 1 = P$$

$$P \cdot a - P \cdot a - 1 = 0 \Rightarrow (a - 1)P = 0$$

15

$$y = P \cdot a + F \cdot a + 1 = 0$$

$$b^2 - F \cdot a - 12 = 0 \Rightarrow P = 1$$

20

$$P \cdot a^2 = P \cdot a + 12$$

$$b^2 - F \cdot a - 12 = 0 \Rightarrow P = 1$$

$$t = m^2 - \frac{b^2 + \sqrt{b^2 - 4ac}}{2a} = \frac{V + \sqrt{V^2 - 4}}{2} \Rightarrow P = \frac{V + \sqrt{V^2 - 4}}{2}$$

25 $S = 0 \Rightarrow P = \frac{V + \sqrt{V^2 - 4}}{2}$

$$P \cdot a^2 - P \cdot a + 12 = 0 \Rightarrow P = \frac{V + \sqrt{V^2 - 4}}{2}$$

SHAHAB

SUBJECT:

DATA:

NUMBER:

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a} = \frac{P}{K}$$

(9 سوال)

$$y = -Fm - F \frac{P}{K} \Rightarrow y = -F \left(\frac{P}{K} \right) - \frac{1}{K} - \frac{1}{K} - \frac{1}{K} - \frac{1}{K}$$

$$5 \quad \frac{-1}{5a} = \frac{-b^2 + 8a^2}{5a} = \frac{-14 - 25K}{5K} = \frac{-F - 4K}{K}$$

$$\frac{-K - 4K}{K} = \frac{-1 - K}{K} \Rightarrow -K - 4K = -1 - K$$

$$\frac{-K}{K} = \frac{-1 - K}{K} \Rightarrow y = PK^P - Fm - 4$$

$$10 \quad \frac{-F - 4K}{K} = \frac{-1 - K}{K} = \frac{-K - 4K}{K} = \frac{-1}{K}$$

(10 سوال)

$$y = -m^2 P + m(m+1) + m + P \Rightarrow y = -m^2 P + P(m+1) + (m+1)$$

$$(m+1)^2 = F \frac{P}{K} (m+1) \Rightarrow$$

$$15 \quad m^2 + 1 + 2m + 2m^2 + 2m \Rightarrow 3m^2 + 4m + 1 \Rightarrow m^2 + 4m + 1 \Rightarrow$$

$$(m+1)(m+1) \Rightarrow m^2 + 2m + 1$$

$$L \Rightarrow m = \frac{-2 \pm \sqrt{4 - 4}}{2} = -1$$

$$\begin{array}{c|cc} & -1 & -1/2 \\ \hline + & 0 & 0 \end{array}$$

20

$$\frac{-1 \pm \sqrt{1 - 4}}{2} = \frac{-1 \pm \sqrt{-3}}{2}$$

25

SHAHAB