



$$4) \quad 2\sqrt{5 \cdot 1000} - 5\sqrt{16 \cdot 50} + 11\sqrt{9 \cdot 50} = 20\sqrt{50} - 20\sqrt{50} + 33\sqrt{50} = 33\sqrt{50}$$

$$5) \quad \frac{3 \cdot 10 \cdot 3 \cdot 24}{3 \cdot 36} = 3 \quad \frac{3}{1} = 3 \quad \frac{1}{1} = 1$$

$$2) \quad 8(16 + 30)(x^2 - y^2) - 3(x+y) = (x-y)(x+y) = (x+y)(x-y-3)$$

$$4) \quad 3(x^2 - 8xy + 4y^2) = 3(x - 4y)^2$$

$$3) \quad f(20; -20): -20 = 2 \cdot (-10) - 3$$

$$10 - 5y = 6 \Rightarrow 5y = 4 \Rightarrow y = \frac{4}{5} = 0.8$$

$$2) \quad \begin{aligned} 2x - 5y &= 6 \\ 4x + 5y &= 24 \end{aligned} \quad \begin{aligned} 6x &= 30 \\ x &= 5 \end{aligned}$$

$$\text{Ответ: } (5; 0.8)$$

$$1) \quad 9^2 + 109 + 25 - 89 + 69^2 = 79^2 + 29 + 25$$

Решение системы

$$\begin{aligned} 17 - 60x &= 20 \\ x &= \frac{60}{40} = \frac{3}{2} \\ \frac{35}{35} - \frac{9 \cdot 3}{35} &= \frac{2}{2} \cdot 2.9 \\ \frac{9 - 3}{35} &= \frac{2}{2} \cdot 2.9 \\ 3 \cdot 35 + 35 \cdot 3 - 3 \cdot 35 + 35 \cdot 3 - 2 \cdot 35 &= 0 \end{aligned}$$