

$$-2x^2 + 16x - 32 = 0$$

$$x^2 + 3x = 10$$

$$x^2 - 6x + 9 = 0$$

$$4x^2 + 4x + 2 = 0$$

$$\frac{2x+1}{x-3} = \frac{x-4}{x+1}$$

$$\frac{1}{3x-3} = \frac{x+1}{3}$$

$$6 \cdot (x-3) - 2x \cdot (3+x) = x^2 - 30$$

$$(3x-5)^2 + (2x-6)^2 = 5$$

$$\frac{x+3}{x^2+x} + \frac{x+1}{x^2-x} + \frac{x-3}{x^2-1} = 0$$

$$\frac{5+4x}{x} = 1 + \frac{12}{x-2}$$

$$\frac{x}{x+2} + \frac{x}{x-2} = 2\frac{2}{3}$$

$$(x-2)^2 + (x-9)^2 = (x-11)^2$$