

$$\textcircled{9} \quad \frac{2x^2 - 4}{2x + 2} = \frac{(2x-2)(2x+2)}{2x+2} = 2x-2 \Rightarrow \boxed{b = -2} \quad \text{ضابطه تطبیق$$

$$a - b = 0$$

$$x = \frac{-2}{2} \rightarrow 2a\left(\frac{-2}{2}\right) + 2 = 2\left(\frac{-2}{2}\right) - 2$$

$$-2a + 2 = -2$$

$$\boxed{a = 2}$$

$$\textcircled{10} \quad \frac{2x^2 - 4}{x-2} = \frac{(2x+2)(x-2)}{x-2} = 2x+2$$

$$2ax^2 + 2a = 2x^2$$

چون 2 تا یغ برابرند، از ا = 2 = a

$$2x^2 + a - 2 = 0 \quad (a + b + c = 0)$$

$$x = 1, \quad \frac{c}{a} = -2$$