ZADA

a) $(3a-10)(3a+10) = 9a^2 - 100$

b) $(8x-5y)(8x+5y) = 64x^2 - 25y^2$

c) $\left(\frac{3}{4}x^2 + \frac{1}{2}y\right)^2 = \frac{9}{16}x^4 + \frac{3}{4}x^2y + \frac{1}{4}y^2$

d) $(2x^2+3y)^2 = 4x^4 + 12x^2y + 9y^2$

e) $(5z-1)^2 = 25z^2 - 10z + 1$

f) $(3x-2y)^2 = 9x^2 - 12xy + 4y^2$

ZAD 2 a) $-x^2+2x \to x = \sqrt{2}$

$-(\sqrt{2})^2 + 2\cdot\sqrt{2} = -2 + 2\sqrt{2} = 2(\sqrt{2}-1)$

b) $\frac{a+b}{c}$ $\quad a = -\frac{1}{2}$; $b = \frac{6}{10}$; $c = -\frac{3}{4}$

$$\frac{a+b}{c} = \frac{-\frac{1}{2} + \frac{6}{10}}{-\frac{3}{4}} = \frac{\frac{-5+6}{10}}{-\frac{3}{4}} = \frac{1}{10} \cdot \left(-\frac{4}{3}\right)^2 =$$

$$= -\frac{2}{15}$$

ZAD 3 $\quad x \to$ KOBIETY

$x+2 \to$ MĘŻCZYŹNI

$3(x+2) \to$ DZIECI