

**33210:**

**Task.** (  $(3x)^2 - 8x + 1$  ) /  $((x-1)(x^2+1))$

**Solution.** Rewrite the expression as follows:

$$\frac{(3x)^2 - 8x + 1}{(x - 1)(x^2 + 1)} = \frac{9x^2 + 9 - 8x - 8}{(x - 1)(x^2 + 1)} = \frac{9}{x - 1} - \frac{8}{x^2 + 1}$$