

TRUPMENINIAI REIŠKINIAI 9 KL.

1.

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

A $\frac{2x^2}{x-1}$ **B** $\frac{3x}{x-1}$ **C** $\frac{x}{x-1}$ **D** $\frac{3x^2}{x-1}$

2.

$$\frac{3y-1}{y} - \frac{2y+1}{y} =$$

A $\frac{y-2}{y}$ **B** $\frac{5}{y}$ **C** $\frac{y+2}{y}$ **D** 1

3.

$$6x + \frac{1}{x} =$$

A $\frac{6x+1}{x}$ **B** $\frac{6x^2+1}{x}$ **C** $\frac{6x^2+x}{x}$ **D** $\frac{6}{x}$

4.

$$\frac{2}{m} - 3m =$$

A $\frac{2-3m}{m}$ **B** $\frac{2-3m^2}{m}$ **C** $\frac{2-3m^2}{m^2}$ **D** $-\frac{1}{m}$

5.

$$\frac{5m^2}{8} \cdot \frac{4}{m^3} =$$

A $\frac{5}{m^3}$ **B** $\frac{5m}{2}$ **C** $\frac{5}{2m}$ **D** $\frac{5m^5}{32}$

6.

$$\frac{x+1}{30x^2} \cdot \frac{15x}{x^2-1} =$$

- A** $\frac{1}{2x(x-1)}$ **B** $\frac{1}{2x(x+1)}$ **C** $\frac{2}{x(x-1)}$ **D** $\frac{x}{2(x+1)}$

7.

$$\frac{36+5x-x^2}{x^2-x-20}$$

- A** $\frac{9-x}{x-5}$ **B** $\frac{x-9}{x-5}$ **C** $1\frac{4}{5}$ **D** $\frac{x+9}{x+5}$

8.

$$\left(\frac{x^2+y^2}{2xy} + 1\right) : \frac{9}{xy}$$

- A** $\frac{(x+y)^2}{18}$ **B** $\frac{x+y}{18y}$ **C** $\frac{y+x}{9}$ **D** $\frac{x^2+y^2}{18}$

9.

$$\frac{x^2-9}{2x^2+1} \cdot \left(\frac{6x+1}{x-3} + \frac{6x-1}{x+3}\right)$$

- A** $\frac{12x^2+6}{(x-3)(x+3)}$ **B** 6 **C** $\frac{12x}{(x-3)(x+3)}$ **D** 36

10.

$$\frac{x+2}{x^2-2x+1} \cdot \frac{3x-3}{x^2-4} - \frac{3}{x-2},$$

- A** $\frac{5x+7}{-14}$ **B** $\frac{3}{(x-1)(x+2)}$ **C** -1 **D** $\frac{3}{(1-x)}$