

Растави на чиниоце:

1. $8x^2 - 12$

6. $x^2 - 81$

11. $16x^2 - 25$

2. $12x^2 - 8$

7. $18x^2 - 8$

12. $50x^2 - 8$

3. $16x^2 - 4$

8. $14x^2 - 7$

13. $25x^2 - 50$

4. $12x^2 - 27$

9. $25x^2 - 10$

14. $15x^2 + 30$

5. $3x^2 - 9$

10. $3x^2 - 75$

15. $14x^2 - 14$

Растави на чиниоце: **РЕШЕЊА**

$$\begin{aligned} 1. \quad 8x^2 - 12 &= \\ &= 4(x^2 - 3) \end{aligned}$$

$$\begin{aligned} 6. \quad x^2 - 81 &= \\ &= (x-9)(x+9) \end{aligned}$$

$$\begin{aligned} 11. \quad 16x^2 - 25 &= \\ &= (4x-5)(4x+5) \end{aligned}$$

$$\begin{aligned} 2. \quad 12x^2 - 8 &= \\ &= 4(3x^2 - 2) \end{aligned}$$

$$\begin{aligned} 7. \quad 18x^2 - 8 &= \\ &= 2(9x^2 - 4) = \\ &= 2(3x-2)(3x+2) \end{aligned}$$

$$\begin{aligned} 12. \quad 50x^2 - 8 &= \\ &= 2(25x^2 - 4) = \\ &= 2(5x-2)(5x+2) \end{aligned}$$

$$\begin{aligned} 3. \quad 16x^2 - 4 &= \\ &= 4(4x^2 - 1) = \end{aligned}$$

$$\begin{aligned} 8. \quad 14x^2 - 7 &= \\ &= 7(2x^2 - 1) \end{aligned}$$

$$\begin{aligned} 13. \quad 25x^2 - 50 &= \\ &= 25(x^2 - 2) \end{aligned}$$

$$\begin{aligned} 4. \quad 12x^2 - 27 &= \\ &= 3(4x^2 - 9) = \\ &= 3(2x+3)(2x-3) \end{aligned}$$

$$\begin{aligned} 9. \quad 25x^2 - 10 &= \\ &= 5(5x^2 - 2) \end{aligned}$$

$$\begin{aligned} 14. \quad 15x^2 + 30 &= \\ &= 15(x^2 + 2) \end{aligned}$$

$$\begin{aligned} 5. \quad 3x^2 - 9 &= \\ &= 3(x^2 - 3) \end{aligned}$$

$$\begin{aligned} 10. \quad 3x^2 - 75 &= \\ &= 3(x^2 - 25) = \\ &= 3(x-5)(x+5) \end{aligned}$$

$$\begin{aligned} 15. \quad 14x^2 - 14 &= \\ &= 14(x^2 - 1) = \\ &= 14(x+1)(x-1) \end{aligned}$$