

Simplificar Expresiones (E)

Simplifique cada expresión.

1. $-yz - 8 + 4 - \frac{72y^2}{-9y^2}$

6. $9y \cdot (-1) \cdot (-3y) \cdot 4cy \cdot y^2$

2. $-\frac{40vy^2}{10v \cdot (-y^2)} \cdot (-5v) + 1$

7. $1 - 9uy + uy + 1 + y^2$

3. $-cz - \frac{30z^2}{6z} + 10z^2 \cdot (-cz)$

8. $\frac{xy^2}{y} + 4x^2 + \frac{7xy}{x}$

4. $-b^2 \cdot 6 \cdot 8c \cdot bc \cdot bc$

9. $-9u^2 - \frac{9u^4}{u^2} + \frac{32u^2}{4u^2}$

5. $10 + 2ax + ax + 1 + ax$

10. $4 - 6a^2 + ax + 1 + 6x$

Simplificar Expresiones (E) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & -yz - 8 + 4 - \frac{72y^2}{-9y^2} \\ & = -yz + 4 \end{aligned}$$

$$\begin{aligned} 6. & 9y \cdot (-1) \cdot (-3y) \cdot 4cy \cdot y^2 \\ & = 108cy^5 \end{aligned}$$

$$\begin{aligned} 2. & -\frac{40vy^2}{10v \cdot (-y^2)} \cdot (-5v) + 1 \\ & = -20v + 1 \end{aligned}$$

$$\begin{aligned} 7. & 1 - 9uy + uy + 1 + y^2 \\ & = -8uy + y^2 + 2 \end{aligned}$$

$$\begin{aligned} 3. & -cz - \frac{30z^2}{6z} + 10z^2 \cdot (-cz) \\ & = -10cz^3 - cz - 5z \end{aligned}$$

$$\begin{aligned} 8. & \frac{xy^2}{y} + 4x^2 + \frac{7xy}{x} \\ & = xy + 4x^2 + 7y \end{aligned}$$

$$\begin{aligned} 4. & -b^2 \cdot 6 \cdot 8c \cdot bc \cdot bc \\ & = -48b^4c^3 \end{aligned}$$

$$\begin{aligned} 9. & -9u^2 - \frac{9u^4}{u^2} + \frac{32u^2}{4u^2} \\ & = -18u^2 + 8 \end{aligned}$$

$$\begin{aligned} 5. & 10 + 2ax + ax + 1 + ax \\ & = 4ax + 11 \end{aligned}$$

$$\begin{aligned} 10. & 4 - 6a^2 + ax + 1 + 6x \\ & = -6a^2 + ax + 6x + 5 \end{aligned}$$