

Dividing a polynomial by a monomial.

Simplify.

1.
$$\frac{4n+8}{2}$$

2.
$$\frac{-9g+12}{-3}$$

3.
$$\frac{16x^2-12x+8}{4}$$

4.
$$\frac{27w^2+18w-36}{-9}$$

5.
$$\frac{3x^2+6x}{2x}$$

6.
$$\frac{25s^3+12s}{5s}$$

7.
$$\frac{3m-n}{2n}$$

8.
$$\frac{3a-6b}{3ab}$$

9.
$$\frac{8h^5-32h^4+16h^3}{-8h^4}$$

10.
$$\frac{3x^2y+6xy-9x^2y^2}{3xy}$$

Answers

1. $2n + 4$

2. $3g - 4$

3. $4x^2 - 3x + 2$

4. $-3w^2 - 2w + 4$

5. $\frac{3}{2}x + 3$

6. $5s^2 + \frac{12}{5}$

7. $\frac{3m}{2n} - \frac{1}{2}$

8. $\frac{1}{b} - \frac{2}{a}$

9. $-h + 4 - \frac{2}{k}$

10. $x + 2 - 3xy$