

Practice

Circle the letter of the best answer.

1. Divide $\frac{4x + 8}{2}$.

- A $2x + 8$ C $4x + 6$
B $2x + 4$ D $4x + 4$

2. Divide $\frac{12x - 9y}{3}$.

- F $12x - 3y$ H $4x - 3y$
G $9x - 6y$ J $4x - 9y$

3. Divide $\frac{7x + 5xy}{3x}$.

- A $\frac{7x + 5y}{3x}$
B $\frac{7 + 5y}{3}$
C $7 + 5y$
D $7x + 5y$

4. Divide $\frac{16x^3y - 20x^2y}{4xy}$.

- F $-16x^2y$
G $12x^2 - 16x$
H $4x^2y - 20xy$
J $4x^2 - 5x$

5. Divide $\frac{15x(3x + 2)}{3x}$.

- A $15x + 2$
B $5x(3x + 2)$
C $5(3x + 2)$
D $8x + 2$

6. Divide $\frac{12x^3 - 9x^2 - 6x}{3x}$.

- F $4x^2 - 3x - 2$
G $9x^2 - 6x - 3$
H $4x^2 - 9x - 6$
J $-5x^2 - 6x$

7. Divide $\frac{6x^6 + 12x^4 - 18x^2}{3x^2}$.

- A $3x^4 + 9x^2 - 15$
B $3x^3 + 4x^2 - 6x$
C $2x^3 + 4x^2 - 6x$
D $2x^4 + 4x^2 - 6$

8. Divide $\frac{a^2b - ab^2 + ab}{ab}$.

- F $a - b$ H $a - b + 1$
G $a^2 - b^2$ J $a^2 - b^2 + 1$

9. Divide $\frac{2x^2 - 3x^2y + 4x^2y^2}{x^2}$.

- A $2 - 3x^2 + 4y^2$
B $2 - 3x^2y + 4x^2y^2$
C $2 - 3y + 4y^2$
D $2x - 3xy + 4xy^2$

10. Divide $\frac{12a^4b^5 - 6a^2b^3}{6a^2b^3}$.

- F $12a^4b^5$ H $2a^2b^2$
G $12a^4b^5 - 1$ J $2a^2b^2 - 1$

11.) $\frac{9y^9 - 6y^6}{-3y^3}$

Answer: _____

12.) $\frac{2\pi r^2 + 2\pi r h}{2\pi r}$

Answer: _____

13.) $\frac{-6a^2b - 12ab^2}{-2ab}$

Answer: _____

14.) $\frac{-5y^5 + 15y - 25}{-5}$

Answer: _____