

Name:
Date:
Period:

10.1: Adding and Subtracting Terms
Classwork & Homework

1. $3x - 2y - x - 3y$

2. $6m - 6n - 4m + n$

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

4. $n^2 - 4n - 3n^2 + 7n + 5n^2$

5. $a^2 + 3ab - 4ab + 3a^2$

6. $p^2q - q^3 - 3p^2q + 4q^3$

7. $r^2s - 3rs^2 + 4s^3 - 2r^2s - 3s^2$

8. $-3x^2 + 7x^2y - x^3 + xy^2 + 4x^3 - 3x^2y$

9. $\begin{array}{r} 5y - 3 \\ \underline{2y + 9} \end{array}$

10. $\begin{array}{r} 4x + 7 \\ \underline{x - 2} \end{array}$

11. $\begin{array}{r} 3y + 8 \\ \underline{2y - 5} \end{array}$

$$12. \frac{7n - 6}{n + 4}$$

$$13. \frac{2r - 3x + 5}{-r + 3x - 2}$$

$$14. \frac{-2p + 4q - 7}{-4p - 2q + 5}$$

$$15. \frac{2x^2 - 3x - 4}{3x^2 + 4x - 6}$$

$$16. \frac{4 - 3n - 5n^2}{-2 + n - 3n^2}$$

$$17. \frac{4x^2 - 3xy - 5y^2}{2x^2 + xy - 3y^2}$$

$$18. \frac{8p^2 - 5pq + 6q^2}{-2p^2 + 5pq - 4q^2}$$

$$19. \frac{3a - 7b - 5c + 2}{-a + 4b + c - 5}$$
$$\frac{2a}{+ 3c + 3}$$

$$20. \frac{7x - 6y + 4z - 1}{-3x + 3y - 5z + 3}$$
$$\frac{-2x - y + z - 4}{-2x - y + z - 4}$$