

COMBINING LIKE TERMS WORKSHEET

<p>1. $2x + 3x$ $= 5x$</p>	<p>2. $4a - 2a$ $= 2a$</p>
<p>3. $\underline{5x} + \underline{3y} - \underline{2x} + \underline{7y}$ $= 3x + 10y$</p>	<p>4. $\underline{5a} - \underline{8b} + \underline{6b} + 6a$ $= 11a - 2b$</p>
<p>5. $\underline{8z} - 3 + \underline{3z}$ $= 11z - 3$</p>	<p>6. $\underline{2x^2} - 4x + \underline{7x^2} + 8x$ $= 9x^2 + 4x$</p>
<p>7. $\underline{9z^2} + \underline{19z^2} + \underline{13z} + \underline{11z} + \underline{18} - \underline{2} + \underline{3}$ $= 28z^2 + 24z + 19$</p>	<p>8. $\underline{10} - \underline{5k} + \underline{8k} + \underline{17} - 7$ $= 3k + 20$</p>
<p>9. $12b^2 + 14b - 16$ $= 12b^2 + 14b - 16$</p>	<p>10. $\underline{g} + 15 - \underline{4g} - \underline{6g}$ $= -9g + 15$</p>
<p>11. $\underline{6a} + \underline{7a} - \underline{18a^2} + \underline{13a^2} - 2a^3 + 8a^4$ $= 8a^4 - 2a^3 - 5a^2 + 13a$</p>	<p>12. $\underline{3m} - \underline{17m} - \underline{1} - \underline{16} - \underline{15m}$ $= -29m - 17$</p>
<p>13. $\underline{19h^2} - 10h - \underline{12h} - \underline{11} - \underline{4h^2} - \underline{5}$ $= 15h^2 - 22h - 16$</p>	<p>14. $\underline{14y} + 9y^2 - 2 + \underline{y}$ $= 9y^2 + 15y - 2$</p>

$$15. \quad \underline{6f} + \underline{14f} + 11f^2 + 17f^3 - \underline{19f} + \underline{9f} + 13f^4$$

$$= 13f^4 + 17f^3 + 11f^2 + 10f$$

$$16. \quad \underline{7d} - \underline{18d}$$

$$= -11d$$

$$17. \quad \underline{8w^2} - \underline{5w^3} - \underline{15w^2} + \underline{16w} - \underline{3w^3} - \underline{10w}$$

$$= -8w^3 - 7w^2 + 6w$$

$$18. \quad \underline{12v} + \underline{4} - \underline{2} + \underline{8} + \underline{3}$$

$$= 12v + 13$$

$$19. \quad \underline{2(w-4)}$$

$$= 2w - 8$$

$$20. \quad \underline{8(3-v)}$$

$$= 24 - 8v$$

$$21. \quad \underline{4(4x+7)}$$

$$= 16x + 28$$

$$22. \quad \underline{5(3-2x)}$$

$$= 15 - 10x$$

$$23. \quad \underline{2(c-3)} + \underline{5(c+2)}$$

$$= \underline{2c-6} + \underline{5c+10}$$

$$= 7c + 4$$

$$24. \quad \underline{7(2h-3)} - \underline{(5h+3)}$$

$$= \underline{14h-21} - \underline{5h-3}$$

$$= 9h - 24$$

$$25. \quad \underline{6(3d-8)} - \underline{2(d-4)}$$

$$= \underline{18d-48} - \underline{2d+8}$$

$$= 16d - 40$$

$$26. \quad \underline{2(x+3)} + \underline{4(x-2)} + \underline{3(x+8)}$$

$$= \underline{2x+6} + \underline{4x-8} + \underline{3x+24}$$

$$= 9x + 22$$