
Use the distributive property, then combine like terms.

Problem	Answer	Problem	Answer
1. $2(x + 8) + 2x + 2$		11. $5(x + 1) - 3x - 1$	
2. $5(x + 1) + 5x + 9$		12. $3(x + 4) - 3x - 1$	
3. $6(x + 8) + 3x + 5$		13. $6(x + 2) + 4x + 1$	
4. $3(x + 5) - 2x - 8$		14. $5(x + 7) + 5x + 7$	
5. $3(x + 2) + 5x + 9$		15. $2(x + 9) + x + 2$	
6. $2(x + 1) - 4x - 3$		16. $4(x + 4) - 2x - 5$	
7. $2(x + 5) + 3x + 1$		17. $4(x + 5) + 4x + 3$	
8. $4(x + 8) + 2x + 6$		18. $5(x + 4) + 5x + 9$	
9. $6(x + 3) - 4x - 2$		19. $3(x + 5) + 3x + 6$	
10. $2(x + 8) + 5x + 9$		20. $3(x + 2) + x + 8$	

Notes

Answer key – Combining like terms – Level 4

#	Problem	Answer
1	$2(x + 8) + 2x + 2$	$4x + 18$
2	$5(x + 1) + 5x + 9$	$10x + 14$
3	$6(x + 8) + 3x + 5$	$9x + 53$
4	$3(x + 5) - 2x - 8$	$x + 7$
5	$3(x + 2) + 5x + 9$	$8x + 15$
6	$2(x + 1) - 4x - 3$	$-2x - 1$
7	$2(x + 5) + 3x + 1$	$5x + 11$
8	$4(x + 8) + 2x + 6$	$6x + 38$
9	$6(x + 3) - 4x - 2$	$2x + 16$
10	$2(x + 8) + 5x + 9$	$7x + 25$
11	$5(x + 1) - 3x - 1$	$2x + 4$
12	$3(x + 4) - 3x - 1$	11
13	$6(x + 2) + 4x + 1$	$10x + 13$
14	$5(x + 7) + 5x + 7$	$10x + 42$
15	$2(x + 9) + x + 2$	$3x + 20$
16	$4(x + 4) - 2x - 5$	$2x + 11$
17	$4(x + 5) + 4x + 3$	$8x + 23$
18	$5(x + 4) + 5x + 9$	$10x + 29$
19	$3(x + 5) + 3x + 6$	$6x + 21$
20	$3(x + 2) + x + 8$	$4x + 14$

Notes