

Expanding brackets and simplifying

Algebra - grade 8

Name: _____ Date: _____ Score: _____

1. Expand and simplify: $6(x + 3) + 8x$

Answer: _____

2. Expand and simplify: $7(x + 8) + 9x$

Answer: _____

3. Expand and simplify: $2(x + 8) + 8x$

Answer: _____

4. Expand and simplify: $3(x + 8) + 8x$

Answer: _____

5. Expand and simplify: $5(x + 9) + 5x$

Answer: _____

6. Expand and simplify: $6(x + 2) + 3x$

Answer: _____

7. Expand and simplify: $2(x + 7) + 3x$

Answer: _____

8. Expand and simplify: $4(x + 4) + 4x$

Answer: _____

9. Expand and simplify: $4(x + 8) + 9x$

Answer: _____

10. Expand and simplify: $7(x + 2) + 5x$

Answer: _____

11. Expand and simplify: $5(x + 4) + 1x$

Answer: _____

12. Expand and simplify: $4(x + 7) + 5x$

Answer: _____

13. Expand and simplify: $4(x + 9) + 2x$

Answer: _____

14. Expand and simplify: $3(x + 4) + 8x$

Answer: _____

Expanding brackets and simplifying - Answer key

Algebra - grade 8

Name: _____ Date: _____ Score: _____

1. Expand and simplify: $6(x + 3) + 8x$

$14x + 18$

2. Expand and simplify: $7(x + 8) + 9x$

$16x + 56$

3. Expand and simplify: $2(x + 8) + 8x$

$10x + 16$

4. Expand and simplify: $3(x + 8) + 8x$

$11x + 24$

5. Expand and simplify: $5(x + 9) + 5x$

$10x + 45$

6. Expand and simplify: $6(x + 2) + 3x$

$9x + 12$

7. Expand and simplify: $2(x + 7) + 3x$

$5x + 14$

8. Expand and simplify: $4(x + 4) + 4x$

$8x + 16$

9. Expand and simplify: $4(x + 8) + 9x$

$13x + 32$

10. Expand and simplify: $7(x + 2) + 5x$

$12x + 14$

11. Expand and simplify: $5(x + 4) + 1x$

$6x + 20$

12. Expand and simplify: $4(x + 7) + 5x$

$9x + 28$

13. Expand and simplify: $4(x + 9) + 2x$

$6x + 36$

14. Expand and simplify: $3(x + 4) + 8x$

$11x + 12$