

Homework Practice

Subtract Linear Expressions

Subtract. Use models if needed.

1. $(9x + 7) - (x + 3)$

2. $(3x - 4) - (x - 5)$

3. $(-3x + 15) - (-3x + 2)$

4. $(-2x + 10) - (-8x - 1)$

5. $(-2x + 4) - (x - 11)$

6. $(8x + 9) - (6x - 1)$

7. $(x + 3) - (5x - 4)$

8. $(2x - 4) - (-x + 9)$

9. $(-8x + 2) - (-5x + 7)$

10. $(-4x - 2) - (13x + 1)$

11. $(-7x - 14) - (x - 6)$

12. $(12x + 3) - (-7x + 5)$

13. $(3x - 1) - (-5x + 17)$

14. $(-9x + 2) - (-8x - 2)$

15. $(1.3x + 2.4) - (6.1x - 3.2)$

16. $(-0.5x - 0.4) - (0.75x - 0.6)$

17. **FOOTBALL** The Dolphins scored $2x - 7$ points, while the Jaguars scored $-5x - 3$ points. How many more points did the Dolphins score than the Jaguars?

18. **LUNCH** The table shows the cost of a sandwich and a drink at a local cafeteria. How much more does a sandwich cost than a drink?

Item	Sandwich	Drink
Cost (\$)	$2x + 1.50$	$x + 0.49$

19. **COLLEGE COSTS** The table shows some college costs. How much more is tuition than the cost of fees and room and board?

Item	Tuition	Fees	Room and Board
Cost (\$)	$8x + 75$	$x + 50$	$x + 3$