Variables on Both Sides - Challenge

1. $2(4x + 4) = 4(x + 13)$

2. $15x = 10x + 25$

3. $15x - 99 = 7x - 19$

4. $25x - 83 = 10x - 23$

5. $13x + 27 = 6x + 125$

6. $4(5x + 3) = 4(x + 47)$

7. $2(4x + 4) = 4(x + 16)$

8. $15x - 152 = 0x - 17$

Variables on Both Sides - Challenge

9. $4(x - 2) = 2(x + 10)$

10. $15x + 20 = 10x + 70$

11. $5(x - 6) = 4(x + 3)$

12. $26x - 99 = 18x - 19$

13. $19x = 14x + 75$

14. $3(x - 5) = 2(x + 2)$

15. $11x + 29 = 7x + 61$

16. $4(x - 8) = 3(x + 4)$

Variables on Both Sides - Challenge - Answer Key

1. $2(4x + 4) = 4(x + 13)$
   11

2. $15x = 10x + 25$
   5

3. $15x - 99 = 7x - 19$
   10

4. $25x - 83 = 10x - 23$
   4

5. $13x + 27 = 6x + 125$
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6. $4(5x + 3) = 4(x + 47)$
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7. $2(4x + 4) = 4(x + 16)$
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8. $15x - 152 = 0x - 17$
   9

9. $4(x - 2) = 2(x + 10)$

    14

10. $15x + 20 = 10x + 70$

    10

11. $5(x - 6) = 4(x + 3)$

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12. $26x - 99 = 18x - 19$

    10

13. $19x = 14x + 75$

    15

14. $3(x - 5) = 2(x + 2)$

    19

15. $11x + 29 = 7x + 61$

    8

16. $4(x - 8) = 3(x + 4)$

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