

Integrated Review Day 2: Solving Linear and Quadratic Equations**Solve the following equations. Please show all work.**

1. $3(2x + 5) = 39$

6. $-18 = \frac{5}{2}r + 12$

2. $6(3x - 5) - 7x = 25$

7. $-15v - 40 = 23 - 8v$

3. $7w - 3(4w + 8) = 11$

8. $12r - 18 = 13r + 18$

4. $-3(3x + 15) - (10 + x) = 35$

9. $2(6d + 3) = 18 - 3(16 - 3d)$

5. $\frac{2}{5}n + 6 = 10$

10. $-5 - (15y - 1) = 2(7y - 16) - y$

Name: _____

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11. $x^2 = 81$

17. $x^2 - 10x + 25 = 9$

12. $x^2 - 16 = 8$

18. $x^2 - 6x + 9 = 49$

13. $2x^2 - 3 = 15$

14. $(a + 3)^2 = 25$

19. $x^2 + 12x + 36 = 75$

15. $3(x - 5)^2 = 12$

20. $-x^2 + 2x - 8 = 0$

16. $(4t + 1)^2 = 49$

Integrated Review Day 2: Solving Linear and Quadratic Equations Answer Section

SHORT ANSWER

1. ANS:
f

PTS: 1

2. ANS:
1

PTS: 1

3. ANS:
1

PTS: 1

4. ANS:
1

PTS: 1

5. ANS:
1

PTS: 1

6. ANS:
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PTS: 1

7. ANS:
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8. ANS:
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9. ANS:
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10. ANS:
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PTS: 1

- 11. ANS:
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PTS: 1
- 12. ANS:
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PTS: 1
- 13. ANS:
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PTS: 1
- 14. ANS:
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PTS: 1
- 15. ANS:
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PTS: 1
- 16. ANS:
1

PTS: 1
- 17. ANS:
1

PTS: 1
- 18. ANS:
1

PTS: 1
- 19. ANS:
1

PTS: 1
- 20. ANS:
1

PTS: 1