

Grade 7 Hon Prep Work

6.2 Solving Eq. Level 2

Name _____

Date _____

Solve.

1. $39 = 3d$

2. $-64 = -4m$

3. $-14m = 28$

4. $9b = 45$

5. $-8f = -184$

6. $-145 = 5p$

7. $-12 = 12y$

8. $-19x = 19$

9. $7w = 105$

10. $-200 = -8h$

11. $-14y = -126$

12. $-135 = 15f$

13. $448 = -32c$

14. $18p = 324$

15. $-23a = 0$

16. $0 = -12w$

17. $10 = 15u$

18. $56m = -14$

19. $48r = 92$

20. $85k = -50$

21. $5 = \frac{x}{-7}$

22. $-18 = -\frac{3}{5}p$

23. $-25 = -\frac{1}{4}n$

24. $\frac{9}{2}a = 27$

25. $\frac{12y}{7} = 84$

26. $\frac{3z}{-8} = 24$

27. $10 = \frac{4n}{7}$

28. $\frac{10y}{-3} = -15$

Answer List

- | | | |
|---------------------|----------------------|--------------------|
| 1. 13 | 2. 16 | 3. -2 |
| 4. 5 | 5. 23 | 6. -29 |
| 7. -1 | 8. -1 | 9. 15 |
| 10. 25 | 11. 9 | 12. -9 |
| 13. -14 | 14. 18 | 15. 0 |
| 16. 0 | 17. $\frac{2}{3}$ | 18. $-\frac{1}{4}$ |
| 19. $\frac{23}{12}$ | 20. $-\frac{10}{17}$ | 21. -35 |
| 22. 30 | 23. 100 | 24. 6 |
| 25. 49 | 26. -64 | 27. $\frac{35}{2}$ |
| 28. $\frac{9}{2}$ | | |

Catalog List

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|---------------|---------------|---------------|
| 1. ALG GB 21 | 2. ALG GB 23 | 3. ALG GB 25 |
| 4. ALG GB 27 | 5. ALG GB 29 | 6. ALG GB 31 |
| 7. ALG GB 33 | 8. ALG GB 35 | 9. ALG GB 37 |
| 10. ALG GB 39 | 11. ALG GB 41 | 12. ALG GB 44 |
| 13. ALG GB 45 | 14. ALG GB 48 | 15. ALG GB 51 |
| 16. ALG GB 52 | 17. ALG GB 54 | 18. ALG GB 58 |
| 19. ALG GB 61 | 20. ALG GB 63 | 21. ALG GB 65 |
| 22. ALG GB 77 | 23. ALG GB 75 | 24. ALG GB 78 |
| 25. ALG GB 81 | 26. ALG GB 83 | 27. ALG GB 91 |
| 28. ALG GB 89 | | |