

Graphing Functions: Skill 5 - 19A

Equations: Addition

Answer to test question 19A:

Solve the equation. $x + 5 = 12$

<p style="text-align: center;">Step 1</p> <p>Find the value for x that will make the equation true. To do this, use the inverse of addition which is subtraction.</p> <p>Subtract 5 from both sides.</p> $x + 5 - 5 = 12 - 5$ $x = 7$	<p style="text-align: center;">Step 2</p> <p>Check your answer.</p> $x + 5 = 12$ <p>Substitute 7 for x.</p> $7 + 5 = 12$	<p style="text-align: center;">Try this equation.</p> $x + 3 = 10$ <p>Subtract 3 from both sides.</p> <p style="text-align: right;"><i>answer: $x = 7$</i></p>
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Directions: Solve each equation.

<p>1. $n + 9 = 13$</p> <p>check:</p>	<p>2. $x + 8 = 15$</p> <p>check:</p>	<p>3. $a + 23 = 41$</p> <p>check:</p>
<p>4. $r + 34 = 76$</p> <p>check:</p>	<p>5. $b + 22.5 = 47.8$</p> <p>check:</p>	<p>6. $s + 7.5 = 14.9$</p> <p>check:</p>
<p>7. $b + 150 = 275$</p> <p>check:</p>	<p>8. $d + 28.6 = 81.2$</p> <p>check:</p>	<p>9. $a + 1.5 = 12.8$</p> <p>check:</p>
<p>10. $k + 28 = 319$</p> <p>check:</p>	<p>11. $12 + b = 32$</p> <p>check:</p>	<p>12. $10.3 + s = 18.1$</p> <p>check:</p>

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Equations: Addition**Directions:** Solve each equation.

13. $8.1 + b = 13.8$ check:	14. $b + \frac{1}{2} = 10$ check:	15. $7.6 + s = 15.2$ check:
16. $r + 2\frac{3}{4} = 11$ check:	17. $42.8 + k = 56.2$ check:	18. $s + 12\frac{5}{8} = 23$ check:
19. $b + 32.8 = 75.5$ check:	20. $2.7 + b = 18.4$ check:	21. $a + 1.5 = 12.8$ check:
22. $k + 4\frac{1}{5} = 16\frac{3}{5}$ check:	23. $12\frac{5}{8} + b = 34$ check:	24. $27.8 + s = 75.2$ check:
25. $k + 3\frac{3}{4} = 25$ check:	26. $15.5 + b = 38.3$ check:	27. $r + 52\frac{7}{8} = 85$ check:

Answers Skill 19A Grade 5

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|--------------------------|--------------------------|----------------|--------------------------|----------------|--------------------------|-------------------------|
| 1. $n = 4$ | 2. $x = 7$ | 3. $a = 18$ | 4. $r = 42$ | 5. $b = 25.3$ | 6. $s = 7.4$ | 7. $b = 125$ |
| 8. $d = 52.6$ | 9. $a = 11.3$ | 10. $k = 291$ | 11. $b = 20$ | 12. $s = 7.8$ | 13. $b = 5.7$ | 14. $b = 9 \frac{1}{2}$ |
| 15. $s = 7.6$ | 16. $r = 8 \frac{1}{4}$ | 17. $k = 13.4$ | 18. $s = 10 \frac{3}{8}$ | 19. $b = 42.7$ | 20. $b = 15.7$ | 21. $a = 11.3$ |
| 22. $k = 12 \frac{2}{5}$ | 23. $b = 21 \frac{3}{8}$ | 24. $s = 47.4$ | 25. $k = 21 \frac{1}{4}$ | 26. $b = 22.8$ | 27. $r = 32 \frac{1}{8}$ | |