

# Algebra

## Skill 4 - 3G

**Equations****Directions:** Solve the equations. Check your work.

1. Example $x + 5 = 12$ $x = 7$ Check: $7 + 5 = 12$	2. Example $15 - n = 7$ $n = 8$ Check: $15 - 8 = 7$
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3. $x + 3 = 5$ $x =$ Check:	4. $8 - n = 2$ $n =$ Check:	5. $5 - n = 1$ $n =$ Check:
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6. $x + 3 = 13$ $x =$ Check:	7. $x + 9 = 12$ $x =$ Check:	8. $14 - n = 7$ $n =$ Check:
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9. $x + 6 = 8$ $x =$ Check:	10. $10 - n = 4$ $n =$ Check:	11. $20 - n = 15$ $n =$ Check:
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12. $x + 12 = 18$ $x =$ Check:	13. $x + 18 = 20$ $x =$ Check:	14. $20 - n = 10$ $n =$ Check:
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# Algebra

## Skill 4 - 3G

### Equations

**Directions:** Solve the equations. Check your work.

<b>15.</b> $x + 9 = 15$ $x =$ Check:	<b>16.</b> $21 - n = 5$ $n =$ Check:	<b>17.</b> $5 - n = 1$ $n =$ Check:
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<b>18.</b> $x + 25 = 36$ $x =$ Check:	<b>19.</b> $x + 12 = 20$ $x =$ Check:	<b>20.</b> $36 - n = 6$ $n =$ Check:
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<b>21.</b> $x + 18 = 24$ $x =$ Check:	<b>22.</b> $12 - n = 2$ $n =$ Check:	<b>23.</b> $54 - n = 14$ $n =$ Check:
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<b>24.</b> $x + 16 = 24$ $x =$ Check:	<b>25.</b> $x + 17 = 21$ $x =$ Check:	<b>26.</b> $18 - n = 4$ $n =$ Check:
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<b>27.</b> $x + 32 = 40$ $x =$ Check:	<b>28.</b> $x + 26 = 32$ $x =$ Check:	<b>29.</b> $46 - n = 22$ $n =$ Check:
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Answer Key  
Skill 4 - 3G

<b>3.</b> $x + 3 = 5$ $x = 2$ Check: $2 + 3 = 5$	<b>4.</b> $8 - n = 2$ $n = 6$ Check: $8 - 6 = 2$	<b>5.</b> $5 - n = 1$ $n = 4$ Check: $5 - 4 = 1$
<b>6.</b> $x + 3 = 13$ $x = 10$ Check: $10 + 3 = 13$	<b>7.</b> $x + 9 = 12$ $x = 3$ Check: $3 + 9 = 12$	<b>8.</b> $14 - n = 7$ $n = 7$ Check: $14 - 7 = 7$
<b>9.</b> $x + 6 = 8$ $x = 2$ Check: $2 + 6 = 8$	<b>10.</b> $10 - n = 4$ $n = 6$ Check: $10 - 6 = 4$	<b>11.</b> $20 - n = 15$ $n = 5$ Check: $20 - 5 = 15$
<b>12.</b> $x + 12 = 18$ $x = 6$ Check: $6 + 12 = 18$	<b>13.</b> $x + 18 = 20$ $x = 2$ Check: $2 + 18 = 20$	<b>14.</b> $20 - n = 10$ $n = 10$ Check: $20 - 10 = 10$

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<b>15.</b> $x + 9 = 15$ $x = 6$ Check: $6 + 9 = 15$	<b>16.</b> $21 - n = 5$ $n = 16$ Check: $21 - 16 = 5$	<b>17.</b> $5 - n = 1$ $n = 4$ Check: $5 - 4 = 1$
<b>18.</b> $x + 25 = 36$ $x = 11$ Check: $11 + 25 = 36$	<b>19.</b> $x + 12 = 20$ $x = 8$ Check: $8 + 12 = 20$	<b>20.</b> $36 - n = 6$ $n = 30$ Check: $36 - 30 = 6$
<b>21.</b> $x + 18 = 24$ $x = 6$ Check: $6 + 18 = 24$	<b>22.</b> $12 - n = 2$ $n = 10$ Check: $12 - 10 = 2$	<b>23.</b> $54 - n = 14$ $n =$ Check: $54 - 40 = 14$
<b>24.</b> $x + 16 = 24$ $x = 8$ Check: $8 + 16 = 24$	<b>25.</b> $x + 17 = 21$ $x = 4$ Check: $4 + 17 = 21$	<b>26.</b> $18 - n = 4$ $n = 14$ Check: $18 - 14 = 4$
<b>27.</b> $x + 32 = 40$ $x = 8$ Check: $8 + 32 = 40$	<b>28.</b> $x + 26 = 32$ $x = 6$ Check: $6 + 26 = 32$	<b>29.</b> $46 - n = 22$ $n = 24$ Check: $46 - 24 = 22$