

## Algebra: Skill 5 - 19D

**Equations: Division**Answer to test question 19D:  $y = 15$ Solve the equation.  $a \div 6 = 9$ 

<b>Step 1</b>	<b>Step 2</b>	<b>Try this equation.</b>
Find the value for x that will make the equation true. To do this, use the inverse of division which is multiplication.  Multiply both sides by 6.  $a \div 6 \times 6 = 9 \times 6$  $a = 54$	Check your answer.  $a \div 6 = 9$  Substitute 54 for a.  $54 \div 6 = 9$	$b \div 6 = 7$  Multiply both sides by 6.  $b = 42$

**Directions:** Solve each equation.

<b>1.</b> $b \div 6 = 5$  check:	<b>2.</b> $r \div 4 = 9$  check:	<b>3.</b> $p \div 3 = 4$  check:
<b>4.</b> $s \div 10 = 10$  check:	<b>5.</b> $t \div 5 = 7$  check:	<b>6.</b> $d \div 5 = 9$  check:
<b>7.</b> $k \div 2.5 = 8$  check:	<b>8.</b> $a \div 4 = 9$  check:	<b>9.</b> $w \div 7 = 8$  check:
<b>10.</b> $c \div 6 = 8$  check:	<b>11.</b> $d \div 5.5 = 6$  check:	<b>12.</b> $s \div 12.7 = 6$  check:

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

<b>13.</b> $b \div 6.32 = 3$  check:	<b>14.</b> $r \div 7 = 12$  check:	<b>15.</b> $p \div 2.25 = 5$  check:
<b>16.</b> $a \div 7.3 = 8$  check:	<b>17.</b> $y \div 9 = 6$  check:	<b>18.</b> $b \div 2.9 = 12$  check:
<b>19.</b> $\frac{b}{4} = 3$  check:	<b>20.</b> $\frac{d}{5} = 6$  check:	<b>21.</b> $\frac{p}{7} = 3.6$  check:
<b>22.</b> $\frac{r}{3} = 7$  check:	<b>23.</b> $\frac{c}{3} = 3$  check:	<b>24.</b> $\frac{y}{7} = 6$  check:
<b>25.</b> $\frac{t}{9} = 5$  check:	<b>26.</b> $\frac{t}{5} = 9$  check:	<b>27.</b> $\frac{p}{3} = 8$  check:

Answers Skill 19D Grade 5

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|-----------------|----------------|--------------|----------------|----------------|-----------------|----------------|
| 1. $b = 30$     | 2. $r = 36$    | 3. $p = 12$  | 4. $s = 100$   | 5. $t = 35$    | 6. $d = 45$     | 7. $k = 20$    |
| 8. $a = 36$     | 9. $w = 56$    | 10. $c = 48$ | 11. $d = 33$   | 12. $s = 76.2$ | 13. $b = 18.96$ | 14. $r = 84$   |
| 15. $p = 11.25$ | 16. $a = 58.4$ | 17. $y = 54$ | 18. $b = 34.8$ | 19. $b = 12$   | 20. $d = 30$    | 21. $p = 25.2$ |
| 22. $r = 21$    | 23. $c = 9$    | 24. $y = 42$ | 25. $t = 45$   | 26. $t = 45$   | 27. $p = 24$    |                |