

Division

Skill 4 - 14A

Dividing by 8 and 9

STEP 1	STEP 2	STEP 3
<p>Where do you place the first digit?</p> $\begin{array}{r} 2 \\ 5 \overline{)11,285} \\ \underline{-10} \\ 1 \end{array}$ <p>$5 > 1$ so place the first digit in the thousands place.</p>	<p>Divide</p> $\begin{array}{r} 2,257 \\ 5 \overline{)11,285} \\ \underline{-10} \\ 12 \\ \underline{-10} \\ 28 \\ \underline{-25} \\ 35 \\ \underline{-35} \\ 0 \end{array}$	<p>Check.</p> $\begin{array}{r} 2,257 \\ \times 5 \\ \hline 11,285 \end{array}$

$\begin{array}{r} 3,826 \text{ r}2 \\ 7 \overline{)26,784} \\ \underline{-21} \\ 57 \\ \underline{-56} \\ 18 \\ \underline{-14} \\ 44 \\ \underline{-42} \\ 2 \end{array}$	<p>Check</p> $\begin{array}{r} 3,826 \\ \times 7 \\ \hline 26,782 \\ + 2 \\ \hline 26,784 \end{array}$	<p>1.</p> $6 \overline{)40,956}$	<p>Check</p>	<p>2.</p> $8 \overline{)25,035}$	<p>Check</p>
<p>3.</p> $6 \overline{)19,584}$	<p>Check</p>	<p>4.</p> $4 \overline{)25,288}$	<p>Check</p>	<p>5.</p> $3 \overline{)10,875}$	<p>Check</p>

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Directions: Divide and use multiplication to check your answer.

6. $5 \overline{)39,340}$	Check	7. $2 \overline{)19,731}$	Check	8. $3 \overline{)35,624}$	Check
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9. $7 \overline{)26,784}$	Check	10. $9 \overline{)40,638}$	Check	11. $8 \overline{)21,946}$	Check
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12. $3 \overline{)74,625}$	Check	13. $8 \overline{)82,675}$	Check	14. $4 \overline{)98,456}$	Check
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Dividing by 8 and 9**Directions:** Divide and use multiplication to check your answer.

15. $4 \overline{)30,260}$	Check	16. $7 \overline{)41,270}$	Check	17. $8 \overline{)58,592}$	Check
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18. $8 \overline{)28,584}$	Check	19. $9 \overline{)32,112}$	Check	20. $5 \overline{)29,160}$	Check
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21. $6 \overline{)22,356}$	Check	22. $5 \overline{)81,767}$	Check	23. $7 \overline{)25,375}$	Check
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Answer Key
Skill 4 - 14A

		1. 6,826	$\begin{array}{r} 6,826 \\ \times \quad 6 \\ \hline 40,956 \end{array}$	2. 3,129 r3	Check $\begin{array}{r} 3,129 \\ \times \quad 8 \\ \hline 25,032 \\ + \quad 3 \\ \hline 25,035 \end{array}$
3. 3,264	$\begin{array}{r} 3,264 \\ \times \quad 6 \\ \hline 19,584 \end{array}$	4. 6,322	$\begin{array}{r} 6,322 \\ \times \quad 4 \\ \hline 25,288 \end{array}$	5. 3,625	$\begin{array}{r} 3,625 \\ \times \quad 3 \\ \hline 10,875 \end{array}$
6. 7,868	$\begin{array}{r} 7,868 \\ \times \quad 5 \\ \hline 39,340 \end{array}$	7. 9,865 r1	$\begin{array}{r} 9,865 \\ \times \quad 2 \\ \hline 19,730 \\ + \quad 1 \\ \hline 19,731 \end{array}$	8. 11,874 r2	$\begin{array}{r} 11,874 \\ \times \quad 3 \\ \hline 35,622 \\ + \quad 2 \\ \hline 35,624 \end{array}$
9. 3,826 r2	$\begin{array}{r} 3,826 \\ \times \quad 7 \\ \hline 26,782 \\ + \quad 2 \\ \hline 26,784 \end{array}$	10. 4,515 r3	$\begin{array}{r} 4,515 \\ \times \quad 9 \\ \hline 40,635 \\ + \quad 3 \\ \hline 40,638 \end{array}$	11. 2,743 r2	$\begin{array}{r} 2,743 \\ \times \quad 8 \\ \hline 21,944 \\ + \quad 2 \\ \hline 21,946 \end{array}$
12. 24,875	$\begin{array}{r} 24,875 \\ \times \quad 3 \\ \hline 74,625 \end{array}$	13. 10,334 r3	$\begin{array}{r} 10,334 \\ \times \quad 8 \\ \hline 82,672 \\ + \quad 3 \\ \hline 82,675 \end{array}$	14. 24,614	$\begin{array}{r} 24,614 \\ \times \quad 4 \\ \hline 98,456 \end{array}$

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15. 7,565	$\begin{array}{r} 7,565 \\ \times \quad 4 \\ \hline 30,260 \end{array}$	16. 5,895 r5	$\begin{array}{r} 5,895 \\ \times \quad 7 \\ \hline 41,265 \\ + \quad 5 \\ \hline 41,270 \end{array}$	17. 7,324	$\begin{array}{r} 7,324 \\ \times \quad 8 \\ \hline 58,592 \end{array}$
18. 3573	$\begin{array}{r} 3,573 \\ \times \quad 8 \\ \hline 28,584 \end{array}$	19. 3,568	$\begin{array}{r} 3,568 \\ \times \quad 9 \\ \hline 32,112 \end{array}$	20. 5,832	$\begin{array}{r} 5,832 \\ \times \quad 5 \\ \hline 29,160 \end{array}$
21. 3,726	$\begin{array}{r} 3,726 \\ \times \quad 6 \\ \hline 22,356 \end{array}$	22. 16,353 r2	$\begin{array}{r} 16,353 \\ \times \quad 5 \\ \hline 81,765 \\ + \quad 2 \\ \hline 81,767 \end{array}$	23. 3625	$\begin{array}{r} 3,625 \\ \times \quad 7 \\ \hline 25,375 \end{array}$