

## Division

### Skill 4 - 13F

#### Zeros in Quotients

STEP 1	STEP 2	STEP 3	STEP 4
Divide the hundreds.  $\begin{array}{r} 1 \\ 4 \overline{)414} \\ \underline{-4} \\ 0 \end{array}$ Divide. Multiply. Subtract. Compare. $0 < 2$	Bring down the 1 ten and divide.  $\begin{array}{r} 10 \\ 4 \overline{)414} \\ \underline{-4} \downarrow \\ 01 \\ \underline{-0} \\ 1 \end{array}$ $4 > 1$ place a 0 in the quotient.	Bring down the 4 ones and divide.  $\begin{array}{r} 103 \text{ r}2 \\ 4 \overline{)414} \\ \underline{-4} \\ 01 \\ \underline{-0} \\ 14 \\ \underline{-12} \\ 2 \end{array}$ Divide. Multiply. Subtract. Compare. $4 > 2$	Check.  $\begin{array}{r} 103 \\ \times 4 \\ \hline 412 \\ + 2 \\ \hline 414 \end{array}$

$\begin{array}{r} 105 \\ 5 \overline{)525} \\ \underline{-5} \downarrow \downarrow \\ 02 \\ \underline{-0} \\ 25 \\ \underline{-25} \\ 0 \end{array}$	Check  $\begin{array}{r} 105 \\ \times 5 \\ \hline 525 \end{array}$	$\begin{array}{r} 109 \text{ r}1 \\ 8 \overline{)873} \\ \underline{-8} \downarrow \downarrow \\ 07 \\ \underline{-0} \\ 73 \\ \underline{-72} \\ 1 \end{array}$	Check  $\begin{array}{r} 109 \\ \times 8 \\ \hline 872 \\ + 1 \\ \hline 873 \end{array}$	1.  $3 \overline{)321}$	Check
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2.  $2 \overline{)214}$	Check	3.  $5 \overline{)545}$	Check	4.  $4 \overline{)424}$	Check
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### Zeros in Quotients

**Directions:** Divide and use multiplication to check your answer.

5. $8 \overline{)867}$	Check	6. $4 \overline{)435}$	Check	7. $5 \overline{)537}$	Check
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8. $7 \overline{)751}$	Check	9. $6 \overline{)645}$	Check	10. $9 \overline{)951}$	Check
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11. $7 \overline{)733}$	Check	12. $5 \overline{)507}$	Check	13. $3 \overline{)325}$	Check
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Answer Key  
Skill 4 - 13F

				<b>1.</b>  107	Check 107 <u>x 3</u> 321
<b>2.</b>  107	107 <u>x 2</u> 214	<b>3.</b>  109	109 <u>x 5</u> 545	<b>4.</b>  106	106 <u>x 4</u> 424
<b>5.</b>  108 r3	108 <u>x 8</u> 864 <u>+ 3</u> 867	<b>6.</b>  108 r3	108 <u>x 4</u> 432 <u>+ 3</u> 435	<b>7.</b>  107 r2	107 <u>x 5</u> 535 <u>+ 2</u> 537
<b>8.</b>  107 r2	107 <u>x 7</u> 749 <u>+ 2</u> 751	<b>9.</b>  107 r3	107 <u>x 6</u> 642 <u>+ 3</u> 645	<b>10.</b>  105 r6	105 <u>x 9</u> 945 <u>+ 6</u> 951
<b>11.</b>  104 r5	104 <u>x 7</u> 728 <u>+ 5</u> 733	<b>12.</b>  101 r2	101 <u>x 5</u> 505 <u>+ 2</u> 507	<b>13.</b>  108 r1	108 <u>x 3</u> 324 <u>+ 1</u> 325