

M2·L21: Dividing by 2-Digit Divisor

$$256 \div 47 =$$

Estimate
 $250 \div 50 = 5$
 $256 : 50, 100, 150, 200$
250, 300

³ 47	⁴ 47
x 5	x 6
235	282

Solve

<div style="text-align: center;"> 47 </div> <div style="text-align: center;"> $\overline{) 256}$ $- 235$ 21 </div>	<div style="text-align: center;"> 5 r 21 </div>
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Divisor
Quotient
Remainder

Check

³ 47	x ⁵ 5

235	
+ 21	

256	

47 - Divisor
x 5 - Quotient
235
+ 21 - Remainder
256 - Dividend

$$236 \div 39 =$$

Estimate
 $240 \div 40 = 6$
 $236 : 40, 80, 120, 160$
200, 240

⁵ 39
x 6
234

Solve

<div style="text-align: center;"> $39 \overline{) 236}$ $- 234$ 2 </div>	<div style="text-align: center;"> ⁶ r ² </div>
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Check

⁵ 39	x ⁶ 6

234	
+ 2	

236 ✓	

$$369 \div 46$$

$$\text{Est: } 350 \div 50 = 7$$

$$369: 50, 100, 150, 200$$

$$250, 300, \boxed{350, 400}$$

$$\begin{array}{r} 46 \\ \times 78 \\ \hline 368 \\ 460 \\ \hline 368 \end{array}$$

$$\begin{array}{r} 46 \\ \times 78 \\ \hline 368 \\ + 460 \\ \hline 369 \end{array}$$

$$\begin{array}{r} 46 \overline{) 369} \\ \underline{32} \\ 49 \end{array}$$

$$\begin{array}{r} 46 \overline{) 369} \\ \underline{36} \\ 9 \\ \hline 81 \end{array}$$

$$712 \div 94$$

$$\text{E: } 720 \div 90 = 8$$

$$712: 90, 180, 270, 360$$

$$450, 540, \boxed{630, 720}$$

$$\begin{array}{r} 94 \\ \times 754 \\ \hline 378 \\ -654 \\ \hline 712 \end{array}$$

$$\begin{array}{r} 947 \\ \times 654 \\ \hline 378 \\ + 570 \\ \hline 712 \end{array}$$

$$\begin{array}{r} 94 \\ \times 7 \\ \hline 658 \\ 940 \\ \hline 752 \end{array}$$