Name _____ Date _____

1. Divide. Then, check using multiplication.

a. 9,962 ÷ 41

$$\begin{array}{r} 242 \text{ R}40 \\ 41\overline{)9962} \\ -82 \\ \hline 176 \\ -164 \\ \hline 122 \\ -\ 82 \\ \hline 40 \end{array}$$

Check

$$\begin{array}{r} 242 \\ \times\ 41 \\ \hline 242 \\ +9680 \\ \hline 9922 \end{array} \quad \begin{array}{r} 9922 \\ +\ 40 \\ \hline 9962 \end{array}$$

✓

b. 1,495 ÷ 45

$$\begin{array}{r} 33 \text{ R}10 \\ 45\overline{)1495} \\ -135 \\ \hline 145 \\ -135 \\ \hline 10 \end{array}$$

Check

$$\begin{array}{r} 33 \\ \times 45 \\ \hline 165 \\ +1320 \\ \hline 1485 \end{array} \quad \begin{array}{r} 1485 \\ +\ 10 \\ \hline 1495 \end{array}$$

✓

c. 6,691 ÷ 28

$$\begin{array}{r} 238 \text{ R}27 \\ 28\overline{)6691} \\ -56 \\ \hline 109 \\ -\ 84 \\ \hline 251 \\ -224 \\ \hline 27 \end{array}$$

Check

$$\begin{array}{r} 238 \\ \times\ 28 \\ \hline 1904 \\ +4760 \\ \hline 6664 \end{array} \quad \begin{array}{r} 6664 \\ +\ 27 \\ \hline 6691 \end{array}$$

✓

d. 2,625 ÷ 32

$$\begin{array}{r} 82 \text{ R}1 \\ 32\overline{)2625} \\ -256 \\ \hline 65 \\ -64 \\ \hline 1 \end{array}$$

Check

$$\begin{array}{r} 82 \\ \times 32 \\ \hline 164 \\ +2460 \\ \hline 2624 \end{array} \quad \begin{array}{r} 2624 \\ +\ 1 \\ \hline 2625 \end{array}$$

✓

e. 2,409 ÷ 19

$$\begin{array}{r} 126 \text{ R}15 \\ 19\overline{)2409} \\ -19 \\ \hline 50 \\ -38 \\ \hline 129 \\ -114 \\ \hline 15 \end{array}$$

Check

$$\begin{array}{r} 126 \\ \times\ 19 \\ \hline 1134 \\ +1260 \\ \hline 2394 \end{array} \quad \begin{array}{r} 2394 \\ +\ 15 \\ \hline 2409 \end{array}$$

✓

f. 5,821 ÷ 62

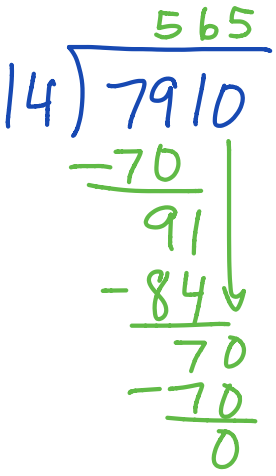
$$\begin{array}{r} 93 \text{ R}55 \\ 62\overline{)5821} \\ -558 \\ \hline 241 \\ -186 \\ \hline 55 \end{array}$$

Check

$$\begin{array}{r} 93 \\ \times\ 62 \\ \hline 186 \\ +5580 \\ \hline 5766 \end{array} \quad \begin{array}{r} 5766 \\ +\ 55 \\ \hline 5821 \end{array}$$

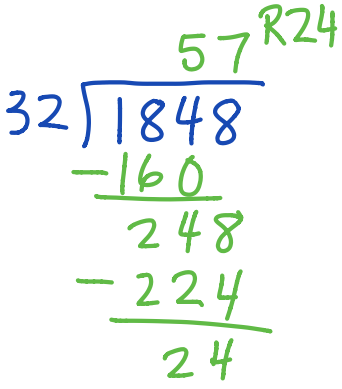
✓

2. A political gathering in South America was attended by 7,910 people. Each of South America's 14 countries was equally represented. How many representatives attended from each country?



There were 565 representatives from each country.

3. A candy company packages caramel into containers that hold 32 fluid ounces. In the last batch, 1,848 fluid ounces of caramel were made. How many containers were needed for this batch?



The candy company will need 58 containers. 57 will be full. The 58th container will only have 24 fluid ounces.