

Name _____

Partial Quotients**COMMON CORE STANDARD** MACC.5.NBT.2.6

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Divide. Use partial quotients.

1. $18 \overline{)236}$

$$\begin{array}{r}
 18 \overline{)236} \\
 \underline{-180} \leftarrow 10 \times 18 \quad | \quad 10 \\
 56 \\
 \underline{-36} \leftarrow 2 \times 18 \quad | \quad 2 \\
 20 \\
 \underline{-18} \leftarrow 1 \times 18 \quad | \quad + 1 \\
 2 \qquad \qquad \qquad | \quad 13 \\
 \hline
 \end{array}$$

 $236 \div 18$ is 13 r2.

2. $36 \overline{)540}$

3. $27 \overline{)624}$

4. $478 \div 16$

5. $418 \div 22$

6. $625 \div 25$

7. $514 \div 28$

8. $322 \div 14$

9. $715 \div 25$

Problem Solving  **REAL WORLD**

10. A factory processes 1,560 ounces of olive oil per hour. The oil is packaged into 24-ounce bottles. How many bottles does the factory fill in one hour?

11. A pond at a hotel holds 4,290 gallons of water. The groundskeeper drains the pond at a rate of 78 gallons of water per hour. How long will it take to drain the pond?