

Name _____



☆ Guided Practice *

1. Estimate $452 \div 21$.

2. Complete.

$$\begin{array}{r} \square\square\square \\ 21 \overline{) 452} \\ \underline{00} \\ 52 \\ \underline{00} \\ 52 \\ \underline{00} \\ 52 \\ \underline{00} \\ 52 \end{array}$$

Remember to check that your answer is reasonable.



3. For Exercise 2, how can you use estimation to decide where to place the first digit of the quotient?

4. Writing to Explain How can you use estimation to check if a quotient is reasonable?

☆ Independent Practice ☆

Leveled Practice For 5 through 7, complete.

5. $18 \overline{) 471}$

$$\begin{array}{r} \square\square \\ 18 \overline{) 471} \\ \underline{00} \\ 71 \\ \underline{00} \\ 71 \\ \underline{00} \\ 71 \end{array}$$

6. $49 \overline{) 658}$

$$\begin{array}{r} \square\square \\ 49 \overline{) 658} \\ \underline{00} \\ 58 \\ \underline{00} \\ 58 \\ \underline{00} \\ 58 \end{array}$$

7. $4 \overline{) 902}$

$$\begin{array}{r} \square\square\square \\ 4 \overline{) 902} \\ \underline{00} \\ 02 \\ \underline{00} \\ 02 \\ \underline{00} \\ 02 \end{array}$$

In 8 through 15, estimate and then find the quotient. Use your estimate to check for reasonableness.

8. $52 \overline{) 387}$

9. $83 \overline{) 716}$

10. $761 \div 5$

11. $510 \div 29$

12. $8,040 \div 25$

13. $7,830 \div 33$

14. $3,158 \div 64$

15. $6,253 \div 71$

*For another example, see Set C on page 268.