

Name .....

## Independent Practice

Estimate. Then divide. Check for reasonableness.

2.  $51 \overline{)91,988}$

3.  $17 \overline{)14,637}$

4.  $64 \overline{)15,489}$

5.  $36,712 \div 52 = \underline{\hspace{2cm}}$

6.  $43,803 \div 93 = \underline{\hspace{2cm}}$

7.  $26,208 \div 28 = \underline{\hspace{2cm}}$

8.  $42 \overline{)25,435}$

9.  $89 \overline{)85,978}$

10.  $783 \overline{)52,056}$

**Algebra** Divide to find the variable in each equation.

11.  $39,788 \div 812 = y$

12.  $25,696 \div 352 = g$

13.  $36,557 \div 263 = d$

$y = \underline{\hspace{2cm}}$

$g = \underline{\hspace{2cm}}$

$d = \underline{\hspace{2cm}}$




## Problem Solving

14. A farmer plows a corn field in the shape of a rectangle that has an area of 15,840 square yards. If the length of the field is 132 yards, what is the width of the field?

---

15. An average person speaks 35,000 words in one week. Does the average person speak more or less than 2,500 words per day? Find the unknown number in the equation  $35,000 \div 7 = w$ .


---

16. **Mathematical PRACTICE**  **Use Number Sense** The athletic department raised \$14,500 to buy new football uniforms. If each uniform costs \$258, how many uniforms can they buy? Explain how you interpreted the remainder.

---

---

### HOT Problems

17. **Mathematical PRACTICE**  **Draw a Conclusion** Find the unknown number in the equation  $30,672 \div q = 852$ . Explain how you found the unknown.

---

18.  **Building on the Essential Question** How can I divide greater numbers using a standard procedure?

---

---

My Work!

TACKLE THESE PROBLEMS!

