



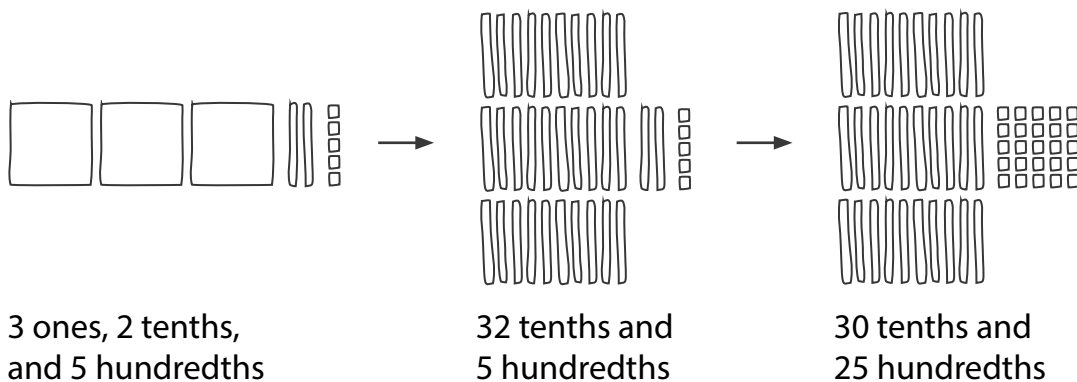
Additional Practice 6-3

Use Models to Divide by a 1-Digit Whole Number

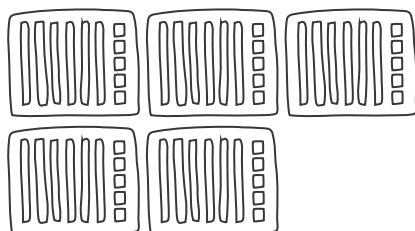
Another Look!

Draw a model to help you find $3.25 \div 5$.

Think about how you can exchange place-value blocks to make 5 equal shares.



What You Show



What You Write

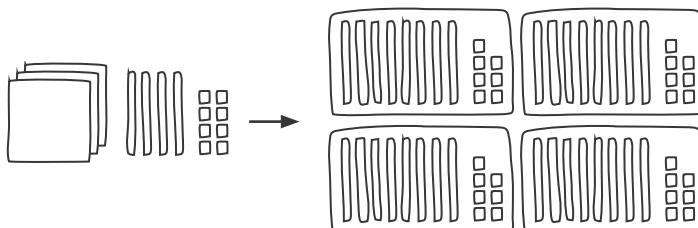
$$\begin{array}{r} 0.65 \\ 5 \overline{) 3.25} \\ - 3.00 \\ \hline .25 \\ - .25 \\ \hline 0 \end{array}$$

Think:

Each equal share has 6 tenths and 5 hundredths.

Leveled Practice In 1–6, divide. Use models to help.

$$\begin{array}{r} 0.\overline{87} \\ 1. \quad 4 \overline{) 3.48} \\ - 3.20 \\ \hline .28 \\ - .28 \\ \hline 0 \end{array}$$



$$\begin{array}{r} 1.\overline{21} \\ 2. \quad 8 \overline{) 9.68} \\ - 8.00 \\ \hline 1.68 \\ - 1.60 \\ \hline .08 \\ - .08 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3 \overline{) 2.91} \\ 0.97 \end{array}$$

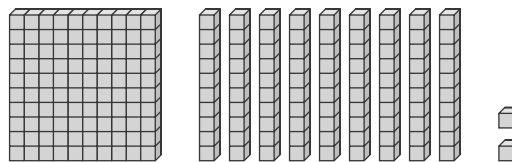
$$\begin{array}{r} 4 \overline{) 6.52} \\ 1.63 \end{array}$$

$$\begin{array}{r} 7.02 \div 6 \\ 1.17 \end{array}$$

$$\begin{array}{r} 4.75 \div 5 \\ 0.95 \end{array}$$



7. **Critique Reasoning** Janice is dividing $1.92 \div 6$. Why does she exchange the place-value blocks shown for 18 tenths and 12 hundredths?



18 tenths and 12 hundredths can be divided into 6 equal shares.

8. Keith has 7.8 ounces of tuna salad. If he makes 3 sandwiches with an equal amount of tuna on each, how much tuna does he put on each one? **2.6 ounces**

9. **Algebra** A newspaper stand sold 1,000 copies of the city newspaper for \$1,600. Write and solve an equation to find the price of one copy. **\$1.60;**
 $c = 1,600 \div 1,000; c = 1.6$

10. **Higher Order Thinking** Inez bought a package of wrapping paper and 4 bows. If she wrapped 4 identical gifts with the paper and bows, how much did it cost to wrap each gift?

\$1.99



11. **Number Sense** Without dividing, how can you decide whether the quotient $7.16 \div 4$ will be less than or greater than 2?
Less than 2; $8 \div 4 = 2$ and $7.16 < 8$

12. Tina buys 5 pounds of potatoes for \$4.35 and 3 pounds of carrots for \$3.57. How much does one pound of potatoes cost?
\$0.87

Assessment Practice

13. Glen drew the model shown below for $1.95 \div 5$.



Part A

Explain the mistake Glen made.

Sample answer: He drew only 1 hundredth in each share, but there should be 9 hundredths in each share.

Part B

Draw the correct model and find the quotient.

