

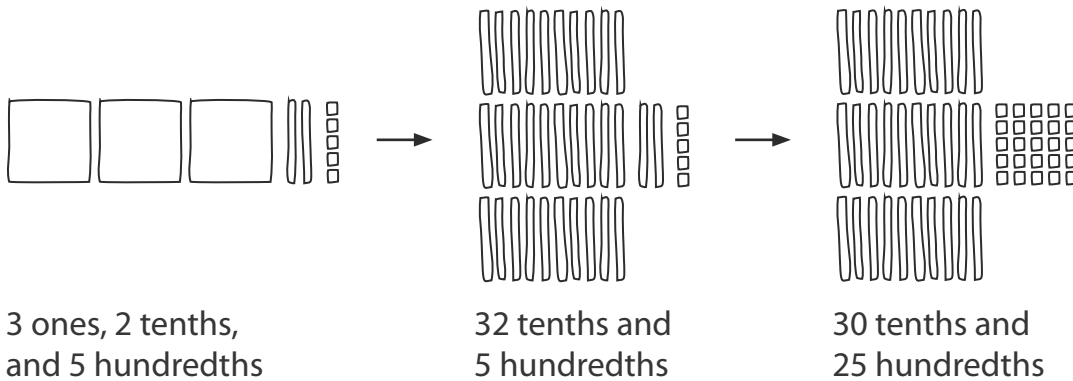
Additional Practice 6-3

Use Models to Divide by a 1-Digit Whole Number

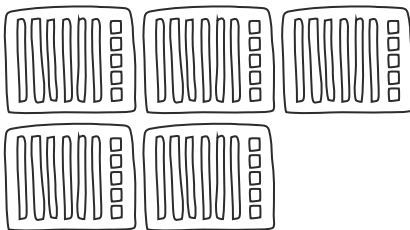
Another Look!

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

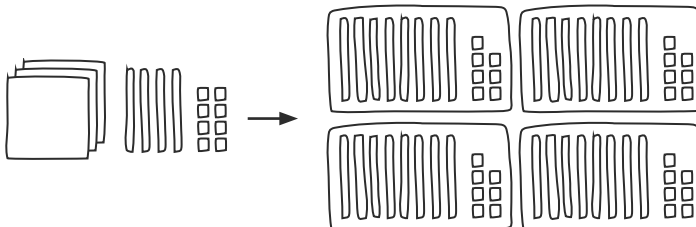
$$\begin{array}{r} 0.65 \\ 5 \overline{)3.25} \\ \underline{-3.00} \\ .25 \\ \underline{-.25} \\ 0 \end{array}$$

Think:

Each equal share has 6 tenths and 5 hundredths.

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

$$\begin{array}{r} 0. \square \square \\ 1. \quad 4 \overline{)3.48} \\ \underline{- \square. \square \square} \\ .2 \square \\ \underline{- . \square \square} \\ 0 \end{array}$$



$$\begin{array}{r} 1. \square \square \\ 2. \quad 8 \overline{)9.68} \\ \underline{- \square. \square \square} \\ 1. \square \square \\ \underline{- \square. \square \square} \\ . \square \square \\ \underline{- . \square \square} \\ \square \end{array}$$

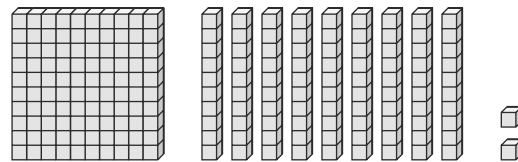
$$3. \quad 3 \overline{)2.91}$$

$$4. \quad 4 \overline{)6.52}$$

$$5. \quad 7.02 \div 6$$

$$6. \quad 4.75 \div 5$$

- 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?



- 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?

- 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.

- 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?

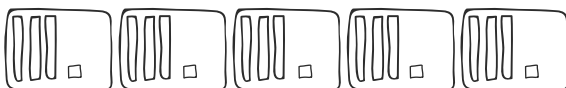


- 11. Number Sense** Without dividing, how can you decide whether the quotient $7.16 \div 4$ will be less than or greater than 2?

- 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?

Assessment Practice

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



Part A

Explain the mistake Glen made.

Part B

Draw the correct model and find the quotient.