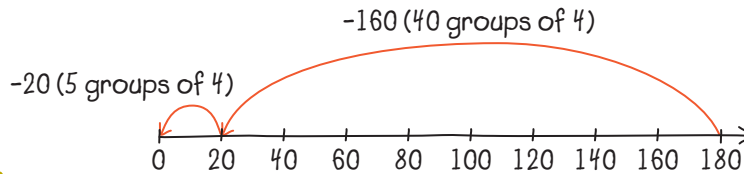


Frequently Asked Questions

Q: How can you divide a three-digit number by a one-digit number?

A1: You can subtract equal groups.

For example, to calculate $180 \div 4$, you can subtract groups of 4 from 180.



$$\begin{array}{r} 4 \overline{)180} \\ -160 \\ \hline 20 \\ -20 \\ \hline 0 \end{array} \begin{array}{l} 40 \\ 5 \\ \hline 45 \end{array}$$

Reading Strategy

Synthesizing

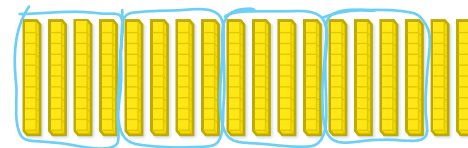
What did you learn in this chapter? Record your thoughts.

A2: You can share base ten blocks.

For example, calculate $180 \div 4$.



Regroup 1 hundred as 10 tens.
Divide the tens into 4 groups.



Regroup the 2 tens as 20 ones.
Divide the ones into the 4 groups.



$$\begin{array}{r} 45 \\ 4 \overline{)180} \\ -160 \\ \hline 20 \\ -20 \\ \hline 0 \end{array}$$

Practice

Lesson 1

1. Describe two ways to calculate $63 \div 7$.
2. Calculate.
 - a) $49 \div 7 = \square$
 - b) $18 \div 2 = \square$
 - c) $40 \div 5 = \square$
 - d) $28 \div 4 = \square$
 - e) $36 \div 6 = \square$
 - f) $24 \div 8 = \square$



Lesson 2

3. A store manager ordered 48 chopsticks in packages of 8. How many packages did the manager order?

Lesson 3

4. Jane exercised 270 min over 9 days. She exercised the same amount each day. How many minutes did she exercise each day?

Lesson 4

5. Estimate.
 - a) $273 \div 4$
 - b) $307 \div 8$
 - c) $663 \div 7$
 - d) $438 \div 9$
6. Alaya uses 9 beads to make a bracelet. About how many bracelets can Alaya make with 312 beads?



Lesson 6

7. Ukrainian eggs cost \$4 each. How many eggs can you buy with \$115?
8. A restaurant charges \$3 for a milkshake. \$288 worth of milkshakes were sold. How many milkshakes were sold?

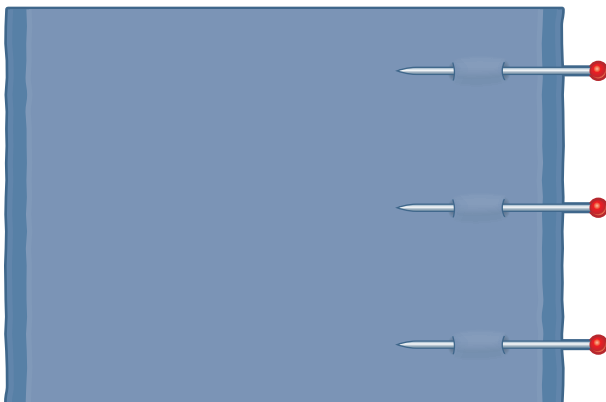


Lesson 7

9. A 265 cm length of copper pipe was cut into five equal pieces. How long is each piece?



10. Before he sews a seam, a tailor puts a pin every 6 cm along the fabric. How many pins does he need if the seam is 250 cm long?



Lesson 8

11. Teresa spent \$222 for five pairs of pants. How much did each pair of pants cost if they all cost the same amount?

Lesson 9

12. Jeremy has 103 stuffed animals to put on 4 shelves. He wants to put the same number of animals on every shelf and to display as many animals as he can. How many animals could he put on each shelf?
13. Keegan solved a problem by dividing 137 by 6. She said the answer was 22. What could the problem have been?

Lesson 10

14. The same digit is missing from each box in this division. What could the digit be? Explain your thinking.

$$\begin{array}{r} 1\boxed{1} \\ \boxed{}7\boxed{} \\ \hline \end{array}$$

What Do You Think Now?

Look back at **What Do You Think?** on page 297. How have your answers and explanations changed?