

Lesson 17: Use the Four Operations to Solve Problems

- Let's use the four operations to solve problems.

Warm-up: True or False: Multiply by 10

Decide if each statement is true or false. Be prepared to explain your reasoning.

- $2 \times 40 = 2 \times 4 \times 10$
- $2 \times 40 = 8 \times 10$
- $3 \times 50 = 15 \times 10$
- $3 \times 40 = 7 \times 10$

17.1: Questions about a Situation

What questions could you ask about this situation?

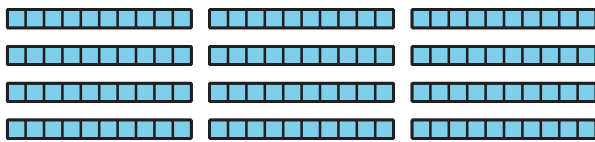
There are 142 guests at a party. All the guests are in 2 rooms. Room A has 94 guests. Room B has 6 tables that each have the same number of guests. There are 4 pieces of silverware and 1 plate for each guest.

3. There are 184 cups on a table. Three tables with 8 people at each table come up to get drinks and each use a cup. How many cups are on the table now?

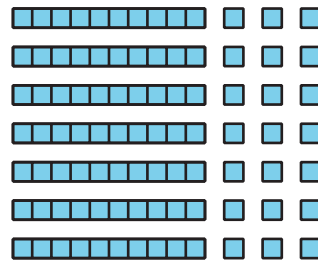
Section Summary

Section Summary

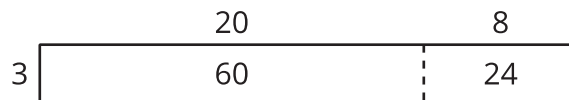
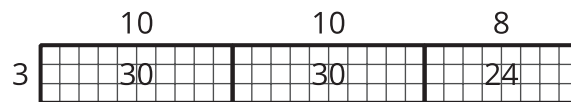
In this section, we learned how to multiply single-digit numbers by multiples of ten. We used strategies to multiply teen numbers and numbers greater than 20.



$$4 \times 30$$



$$7 \times 13$$



$$3 \times 28$$