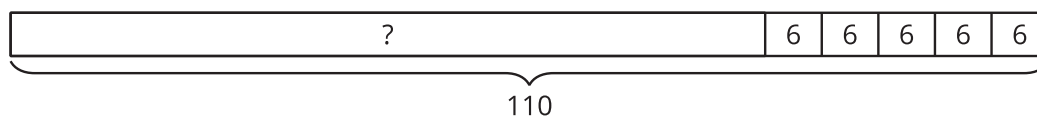


Section D: Practice Problems

1. There are 708 students at the school. Three hundred ninety-four students are in the cafeteria and the rest are in class. Han estimates that 400 students are in class. Do you agree with Han's estimate? Explain or show your reasoning.

(From Unit 3, Lesson 17.)

2. Select **all** equations that match the tape diagram.



- A. $110 + 5 \times 6 = ?$
 B. $? + 5 \times 6 = 110$
 C. $110 - ? = 5 \times 6$
 D. $110 + ? = 5 \times 6$
 E. $110 - 30 = ?$

(From Unit 3, Lesson 18.)

3. There are 240 connecting cubes in the box. Five students each take 9 connecting cubes from the box. How many connecting cubes are left in the box?
- Write an equation to represent the situation. Use a letter for the unknown quantity.
 - Solve the problem. Explain or show your reasoning.

(From Unit 3, Lesson 19.)

4. Andre has 245 cards. He bought 7 more packages of cards. How many cards does he have now?
- What information do you need to know to answer the question?
 - Write an expression to represent the situation. Use a letter for the unknown quantity.

(From Unit 3, Lesson 20.)

5. Exploration

For each equation, draw a diagram and write a situation with a question.

a. $3 \times n + 163 = 187$

b. $b - (4 \times 10) = 89$

6. Exploration

a. A question in a subtraction situation can be answered with an estimate of “about 200.” What could the subtraction situation be?

b. A question in a situation that uses addition and multiplication could be answered with an estimate of “about 300.” What could the situation be?