Section B: Practice Problems

1. There are 35 books on the bookcase. There are 7 books on each shelf. How many shelves are there? Explain how the equations $35 \div 7 = ?$ and $? \times 7 = 35$ both represent the situation.

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(From Unit 4, Lesson 6.)

2. There are 24 eggs in the container. There are 6 in each row. How many rows of eggs are there?

   Write an equation that represents the situation. Use a symbol for the unknown. Then, answer the question.

(From Unit 4, Lesson 7.)

3. For each multiplication equation, write a related division fact you know from the multiplication equation.

   a. $8 \times 5 = 40$

   b. $2 \times 9 = 18$

(From Unit 4, Lesson 8.)

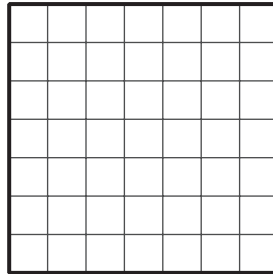4. Lin knows $8 \times 5 = 40$. Explain how she can use this fact to find 8×4.

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(From Unit 4, Lesson 9.)

5.   a. Highlight parts of the diagram to show the expression $(5 \times 7) + (2 \times 7)$.

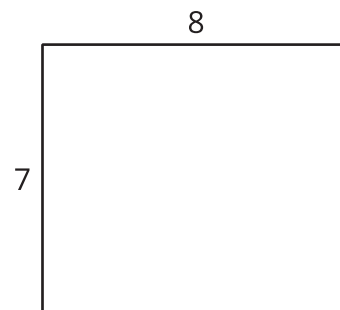b. Explain how you could use the diagram to calculate 7×7.

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(From Unit 4, Lesson 10.)

6. Mark or shade the rectangle to show a strategy for finding its area. Then, explain how to use the diagram to find the area.

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(From Unit 4, Lesson 11.)

7. **Exploration**

Noah finds 9×8 by calculating $(10 \times 8) - (1 \times 8)$.

a. Make a drawing showing why Noah's calculation works.

b. Use Noah's method to calculate 9×8.