Solve Complex Multiplication Problems

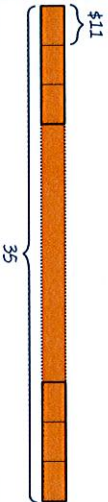## BLOCK 2

Read It! Read and identify the problem.

APPAREL DESIGNER

Hayley designed and sold 35 hats for $11 each. She spent $200 on making the hats. How much profit did she make?

PROBLEM TYPE _Equal Groups Problem_

Show It! Represent the problem.
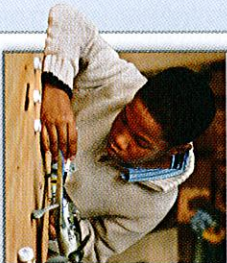
$11

35

Solve It! Solve the problem.

$$35 \times \$11 = \$385$$
$$\$385 - \$200 = \$185$$
$$p = \$185$$

Check It! Check your work.

1

Read It! Read and identify the problem.

INDUSTRIAL DESIGNER

Jamie and Sara have 112 model planes altogether. Sara has 6 times as many model planes as Jamie. How many planes does Jamie have?

PROBLEM TYPE _____

Show It! Represent the problem.

Solve It! Solve the problem.

Check It! Check your work.

2

Read It! Read and identify the problem.

CARPENTER

Lin built 17 sections of fence. Each section was 11 yards long. If 1 yard = 3 feet, what was the length of the entire fence in feet?

PROBLEM TYPE _____

Show It! Represent the problem.

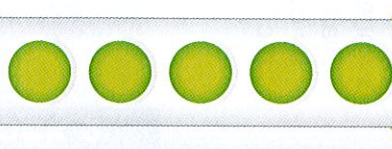**Solve It!** Solve the problem.

Check It! Check your work.

3

GRAPHIC DESIGNER

Nicole made two posters. The second poster was 3 times larger than the first. If the first poster was 78 square inches, how large were the posters altogether?

PROBLEM TYPE _____

4

GRAPHIC DESIGNER

Jerome and Cy created 250 comic book panels altogether. Jerome created 4 times as many panels as Cy. How many panels did Jerome create?
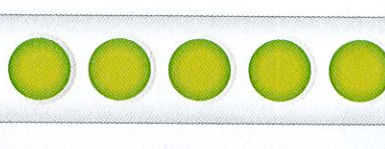
PROBLEM TYPE _____

EXIT Ticket

❯ Solve this problem.

A band designed 8 different album covers for their new album. Each cover cost $410 to design. They chose the 8th cover for their new album. How much money did they spend on the unused covers?

PROBLEM TYPE _____

Make an estimate to check if your answer is reasonable.

_____ × 400 is about _____.

TOPIC 1

TOPIC 2

SCORE ⓪ ① ②