

## Lens 1: Elementary

### Does the task engage students in mathematical argumentation?

Please review each task and use the following guiding questions to modify the task to engage students in mathematical argumentation.

- Does the task promote a mathematical discourse? A conversation that includes argumentation?
- Does the task prompt students to articulate a chain of reasoning?
- Does the task require students to write or otherwise record their chain or reasoning to show a result, answer, or other claim is true?

#### Task 1

Fill in the missing value that makes the statement true.

a)  $10 + 5 = 2 + 3 + \underline{\quad}$

b)  $500 \div \underline{\quad} = 10$

c)  $25 \times 10 \times 4 = \underline{\quad}$

#### Task 2

Alexa is training to bike 70 miles. During her first week of training she bikes 12 miles. During her second week she bikes 24 miles, and by her third week she bikes 36 miles. On what week does she bike close to 70 miles?

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### Task 3

The coordinates of the vertices of figure ABCD are A(4, 3), B(8, 3), C(4, 6), D(8, 6).

Is figure ABCD a rectangle?