

A numerical expression is shown below.

$$\frac{8 \cdot 15 + 20 \div 5}{6 \div 3 \cdot 2}$$

- a. What is the value of the expression? Show or explain how you got your answer.
- b. Copy the equation below into your Student Answer Booklet.

$$\frac{8 \cdot 15 + 20 \div 5}{6 \div 3 \cdot 2} = 56$$

Insert sets of parentheses in the equation to make it true. Explain your reasoning.

- c. Copy the equation below into your Student Answer Booklet.

$$\frac{8 \cdot 15 + 20 \div 5}{6 \div 3 \cdot 2} = 38$$

Insert **one set** of parentheses in the equation to make it true. Explain your reasoning.

- d. Copy the expression below into your Student Answer Booklet.

$$\frac{8 \cdot 15 + 20 \div 5}{6 \div 3 \cdot 2}$$

Insert a set or sets of parentheses in the expression so that the expression will have a value that is **not** equal to 38, 56, or the answer to part (a). Explain your reasoning.