

Topic 1: Evaluate using order of operations

Evaluate.

$$1. 4 \left[5(13 - 3) \div (25 \div 5)^2 \right]^2$$

$$2. \frac{24 - 5 - 4^2}{|-8| + 4 - 2(3)} + \frac{4 - (-3)^2 + |4|}{3^2 + 4 \cdot 3 + |-7|}$$

$$3. \frac{3(5 - 2)^2}{-3^2} - \frac{2(3^2 - 4^2)}{4 - (-2)}$$

Answers

$$1. 16$$

$$2. \frac{13}{28}$$

$$3. -\frac{2}{3}$$