

G6 Order of Operations Revision

1. Evaluate $(28 + [(2 \times 4^2) \div 8])$.

Write the expression. $(\text{ } + [(2 \times 4^2) \div \text{ }])$

Find 4^2 . $(28 + [(2 \times \text{ }) \div 8])$

Multiply. $(28 + [\text{ } \div 8])$ parentheses 1st

Divide. $(28 + \text{ })$ brackets 2nd

Add. braces 3rd

So, $(28 + [(2 \times 4^2) \div 8]) = \text{ }$

1. Evaluate $64 \div [4 \times (27 - 5^2)]$.

Write the expression. $\text{ } \div [4 \times (\text{ } - 5^2)]$

Find 5^2 . $64 \div [4 \times (27 - \text{ })]$ parentheses 1st

Subtract. $64 \div [4 \times \text{ }]$ brackets 2nd

Multiply. $64 \div \text{ }$

Divide.

So, $64 \div [4 \times (27 - 5^2)] = \text{ }$



Problem Solving

2. **Mathematical Practices**



Model Math

Saleh rode his bike for 35 minutes each on Monday, Wednesday, and Saturday and 55 minutes each on Tuesday and Thursday. Write an expression that shows the total amount of time he spent riding his bike. Then evaluate the expression.

3. Hala evaluated the expression

$[(2^3 \times 4) \div 2] + 2$. What was her answer?

4. Shaima and her three friends equally divided the cost to rent a movie for AED 4 and order sandwiches for a total of AED 15. They also have a coupon for AED 3 off the sandwiches. Evaluate $[(4 + 15) - 3] \div 4$ to find the cost each person will pay.