

2E Simplify numerical expressions involving order of operations and exponents

1. Which is another way to express $3^5 \times 2^3$?

- A $3 \times 3 \times 3 \times 3 \times 3 \times 2 \times 2 \times 2$
- B $5 \times 5 \times 5 \times 3 \times 3$
- C $3 \times 5 \times 2 \times 3$
- D $3 \times 4 \times 5 \times 2 \times 3$

2. Which is the value of the following expression?

$$5^2 - 2 \times 5 - (2 + 3)$$

- A 16
- B 12
- C 10
- D 9

3. Which describes $4 \times 4 \times 4 \times 3 \times 3$?

- A $2^4 \times 3^3$
- B $3^4 \times 2^3$
- C $4^2 \times 3^3$
- D $4^3 \times 3^2$

4. Which is the value of the following expression?

$$8 + 6 \div 2 + 5 \times 2$$

- A 17
- B 21
- C 24
- D 32