3⁴

Comparing Numerical Expressions

A) Solve the expressions and fill in the box with = or \neq as appropriate.

1)
$$(24 \div 2^2) + 3$$
 $19 - 2 \times (3 + 3^2)$

2)
$$8 \times (2^3 - 4)$$
 $(20 \div 4) + 3^3$

3)
$$8 + (3^3 \div 9)$$
 $(25 \div 5) + 4^2$

4)
$$6^2 + (4 \times 5) - 28$$
 $35 - 7^2 \div (2 + 5)$

5)
$$3^4 - (9 \div 3) \times 8$$
 $(67 - 4^3) \times 19$

6)
$$6 \times (5+4) \div 3^3$$
 $(8^2-20) \div 4$

B)

1)

3)

5)

C)

1)

Preview

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2)
$$\left((9 \times 8) - 6^2 \right)$$

$$10 + 4^2 - (2 \times 3) - 1$$

3)
$$96 \div 2^3 + 9 - (4 \times 5)$$

$$(64 \div 2^4) \times 3 + 5$$

4)
$$\int 5^2 + (3 \times 2) - 14$$

$$2 \times (2^5 - 14)$$