

Warm-Up

October 25, 2019

Simplify each of the following:

A.  $(2^3 \times 2^6)^2 - (3^7 \div 3^5)^4$

$$\begin{array}{l} (2^9)^2 - (3^2)^4 \\ \boxed{2^{18} - 3^8} \end{array}$$

A.  $(2^3 \times 2^6)^2 - (3^7 \div 3^5)^4$

$$\begin{array}{l} 2^6 \times 2^{12} - 3^{28} \div 3^{20} \\ \boxed{2^{18} - 3^8} \end{array}$$

$$B. [(-4)^3 \times (-4)^3]^2 + (4^3 \times 4^2)^2$$

$$[(-4)^6]^2 + (4^5)^2$$

$$(-4)^{12} + 4^{10}$$

Simplify

$$c) [(-3)^4]^2 \times [(-4)^0]^2 - [(-3)^3]^0$$

$$(-3)^8 \times (-4)^0 - (-3)^0$$

$$d) (3^2 \times 4^2)^4 - (4^2 \times 5^1)^3$$

$$3^8 \times 4^8 - 4^6 \times 5^3$$

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7, 9

14 [a,c,e,g]

16 All

#17 a,c,e

#19 ALL

**SIMPLIFY** THEN **EVALUATE**

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**Worksheet with Answers...More Practice**

## Attachments

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page 85 simplified answers.notebook