

Warm-Up

October 22, 2018

Simplify each of the following:

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

$$(2^9)^2 - (3^2)^4$$

$$2^{18} - 3^8$$

$$(2^3 \times 2^6)^2$$
$$2^6 \times 2^{12}$$
$$2^{18}$$

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

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

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

Simplify

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

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

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

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

$a^1 c^2 r$   
 $a^1 c^1 e$   
 $a^1 c^1 e$   
 4, 5, 6, 7, 9

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14 [a,c,e,g]

16 All

#17 a,c,e

#19 ALL

4. b)  $(2 \times 5)^4$   
 $2^4 \times 5^4$

5 b)  $(21 \div 5)^4$   
 $21^4 \div 5^4$

8. b)  $(2 \times 4)^5$   
 $-(2^5 \times 4^5)$

**SIMPLIFY THEN EVALUATE**

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



## Attachments

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