Week 9 Wednesday Homework Course 3 (Demo Version)

Read each question carefully.

1) Which of the following has the same value as $4^3 \bullet 4^2$?

    A) 16^6

    B) 16^5

    C) 4^6

    D) 4^5

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2) What is the value of the expression below?

$$\left(2^2 + 9\right) \times 5^2$$

    A) 109

    B) 325

    C) 3,025

    D) 4,225

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3)

$$\left(3^3\right)^3 =$$

A) 3^0

B) 3^1

C) 3^6

D) 3^9

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4) Which of the following has the same value as $\frac{2^8}{2^2}$?

A) 4^{10}

B) 2^{10}

C) 2^6

D) 1^6

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5)

$3^2 \times 3^4 =$

    A)
      3^6

    B)
      3^8

    C)
      9^6

    D)
      9^8

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6)   What does the following represent?

$\sqrt{38}$

    A) the square root of 38

    B) the square of 38

    C) the quotient of 38 and 2

    D) 38 multiplied by 2