

YVONNE-MONIQUE AVIVA
KISS MY MATH PART 4

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2) $2^5 \times 5^2$ 3) 10^6 4) $12^4 \times 7^3$ 5) $(0.2)^4$

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2) $(-5^2) =$
 $(-1)5^2 = -25$

3) $-5^3 - (-5)^2 =$
 $(-1)(125) - (-1)5^2 =$
 $-125 - 25 = -150$

4) $-2^6 - 9^2 =$
 $(-1)64 - 81 =$
 $-64 - 81 = -145$

5) $(184.5)^4 - (184.5)^4 =$
 $(184.5 \cdot 184.5 \cdot 184.5 \cdot 184.5) - (184.5 \cdot 184.5 \cdot 184.5 \cdot 184.5) = 0$

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2) $\left(\frac{3}{4}\right)^2 - \frac{11}{16} =$
 $\frac{3 \cdot 3}{4 \cdot 4} - \frac{11}{16} =$

$\frac{9}{16} - \frac{11}{16} = \frac{-2}{16}$ or $\frac{1}{8}$

3) $(0.5)^2 - |-0.25| =$
 $.25 - .25 = 0$

4) $-27 \left| -\frac{2}{3} \right|^3 =$
 $-27 \left(\frac{2}{3} \cdot \frac{2}{3} \cdot \frac{2}{3} \right)$ or $-27 \left(\frac{2^3}{3^3} \right)$
 $\frac{-27 \cdot 8}{27} = -8$

5) $-3 \left| (-1)^2 - (-1)^3 \right|^2 =$
 $-3 \left| (1)^2 + 1^3 \right|^2 =$
 $-3 \left| 2 \right|^2 =$
 $-3(4) = -12$

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$$2) \left(\frac{3}{4}\chi\right)^4$$

$$\frac{3^4}{4^4}\chi^4$$

$$\frac{81}{256}\chi^4$$

$$3) \left(\frac{3}{4}\chi + 5\right)^4$$

Can't distribute due to it

being addition inside

the parenthesis

$$4) -\left(\frac{3}{4}xy\right)^4$$

$$(-1)\left(\frac{3^4}{4^4}x^4y^4\right)$$

$$(-1)\left(\frac{81}{256}x^4y^4\right)$$

$$-\frac{81}{256}x^4y^4$$

$$5) \left(-\frac{3}{4}\chi\right)^4$$

$$\frac{3^4}{4^4}\chi^4$$

$$\frac{81}{256}\chi^4$$

DtM