Chiles Mini Mu 12/13/2008

The Cat in the Hat

Chiles Mini Nu - Pre-Algebra Solutions

$$\frac{25}{7-2}$$
 -8-(4-2) (B)2.

$$(C76. 3^{4} = 3.3.3.3 = 81$$

$$A = \pi r^{2} h = \pi (1)^{2} (3) = 3\pi$$

$$81 - 64 = 17$$

$$y - 3 = 4(x + 5)$$
 $y - 3 = 4x + 20$
 $y - 4 = m(x - x_1)$ or $y = 4x + 23$
 $m = 4$ $y = mx + b$
 $m = 4$

$$66\% = \frac{66}{100} = \frac{33}{50}$$

(A)
$$10$$
, 76 108 (4 is not prime)
 2 , 38 (2) (2) 54
 2 , 19 2 , $27-3$
(C) 12 , $7/3 \approx 0.538$ $3^{9/3}$

Prealgebra - The cat in the Hat

$$A_0 = \frac{1}{2}bh = \frac{1}{2}(3)(5)$$

$$5 \text{ H}_0 = \frac{5}{2} \text{ pp} = \frac{5}{2} (3)(2) = 12$$

$$\frac{(c) 15. \frac{3+7+9+x}{4}}{4}$$

$$3+7+9+x=44$$
 $19+x=44$

$$2w+2l=24$$

 $w+l=12 \Rightarrow 3l+l=12$
 $4l=12$

$$W = 3l \leftarrow l = 3$$
 $W = 3(3) = q$

B =
$$2(5)$$
 T= 7

$$B = 2(7)$$
 $T = (77)$
 $B = 2(77) = 147$

$$x = 4$$

 $5_x = 10 = 5.5.5.5 = 5_4$

$$2^{x} = 16 = 2.2.2.2 = 2^{4}$$
 (E) 27. 15 sec $\frac{1 \text{ hr}}{3600 \text{ sec}} = \frac{1}{240} \text{ hr}$ $\frac{2 \text{ cakes}}{2 \text{ hr}} = \frac{x}{2 \text{ hr}}$

$$4 = \frac{1}{240} \times x = 960$$

$$2 4 = \frac{1}{240} x$$

$$V=3l$$
 $\leftarrow l=3$

$$(D) 20, -2(6) + y = 24$$

$$-12 + 4 = 24$$

$$y = 36$$

$$(5)22$$
, $\frac{25-20}{20} = \frac{5}{20} = \frac{4}{4} = 25\%$

$$\frac{3}{20} = \frac{5}{20} = \frac{1}{4} = 25$$
(8) 24. $\chi^2 = q$

$$\chi = \pm \sqrt{q}$$

$$x = \pm \sqrt{q}$$

$$x = \pm \sqrt{q}$$

$$4 = \frac{240 \text{ hr}}{240 \text{ } \chi} \times 960$$

Prealgebra - The Cat in the Hat

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(A) 28.

(07 29,

B) 30

$$(6-(56-59))^3 = (6-(-3))^3 = (6+3)^3 = 9^3 = 9.9.9 = 729$$

$$[\frac{1}{3}-2+(5-3)(4)] = [5-2+(2)(4)] = 3+8=(1+h)$$
Un for tuna tely y ...