1.1 Practice Problems

Evaluate the expression:

1) .4r when r=6

.462=2.4

2) .8 + h when h = 3.7

.8 +3.7

(4.5)

3) $\frac{1}{2}$ k when $k = \frac{2}{3}$

士(学)= 是(量)

Write the power in words and as a product.

4) 12

12.12.12.12.12

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.4 (4) = .16

5) (\frac{1}{2})\frac{1}{2} \frac{1}{2} \tag{-1}{2} \t

Describe AND correct the error in evaluating the power.

6) $(0.4)^2 = 2(0.4) = 0.8$

They multiplied .4 by 2, instead of .4 by .4

Evaluate the power.

7) 15

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8) 2⁶

9) $\left(\frac{1}{6}\right)^3$

Evaluate the expression.

10) x + y when x = 11 and y = 6.4

11+6,4



Page 10: Evaluate the expression:

11) 13 -8 + 3

5 +3 (8) 12) $5 \cdot 2^3 + 7$

5.8 t7

13) 2⁴•4-2/8

16.4-218

(64 - .25)

24+4(4)

24 +16

40

15) $\frac{1}{2}(21+2^2)$

1/2 (21 44) 1/2 (25) 12.5 16) 8[20 - (9 - 5)²]

8[20-16] 8[20-16]



