

Problems with the homework?

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99	20
11d	21
12	24
15	
16	
17	

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Let the number be n

15. a)
$$\frac{0.12n}{0.12} = \frac{39.48}{0.12}$$

$n = 329$

b)

LS	RS
$0.12n$	39.48
$0.12(329)$	

39.48

$LS = RS \therefore$ the number is 329

24.

$$a) \quad 4x + \frac{37}{5} = -17$$

$$5(4x) + 5\left(\frac{37}{5}\right) = 5(-17)$$

$$20x + 37 = -85$$

$$\frac{20x}{20} = \frac{-122}{20}$$

$$x = -\frac{61}{10}$$

LS	RS
$4x + \frac{37}{5}$	-17

$$4\left(\frac{-61}{10}\right) + \frac{37}{5}$$

$$-\frac{122}{5} + \frac{37}{5}$$

$$-\frac{85}{5}$$

$$-17$$

$$LS = RS \therefore x = -\frac{61}{10}$$

21.

$$7.50 + 1.50t = 16.50$$

$$\begin{array}{r} 1.50t = 9.00 \\ \hline 1.50 \quad 1.50 \end{array}$$

$$t = 6$$

She has 6 toppings

Homework

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7 a i) 11 a, b, d 12 13 14 15

17 18

$$7. a) \frac{6}{h} = 2$$

$$\cancel{h} \left(\frac{6}{\cancel{h}} \right) = \cancel{h} (2)$$

$$\frac{6}{2} = \frac{2h}{2}$$

$$3 = h$$