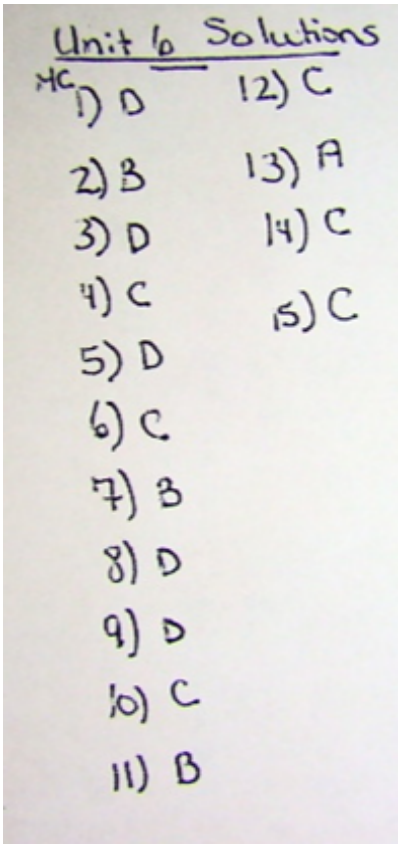
Unit 6 Solutions
MC
1) D
2) B
3) D
4) C
5) D
6) C
7) B
8) D
9) D
10) C
11) B
12) C
13) A
14) C
15) C

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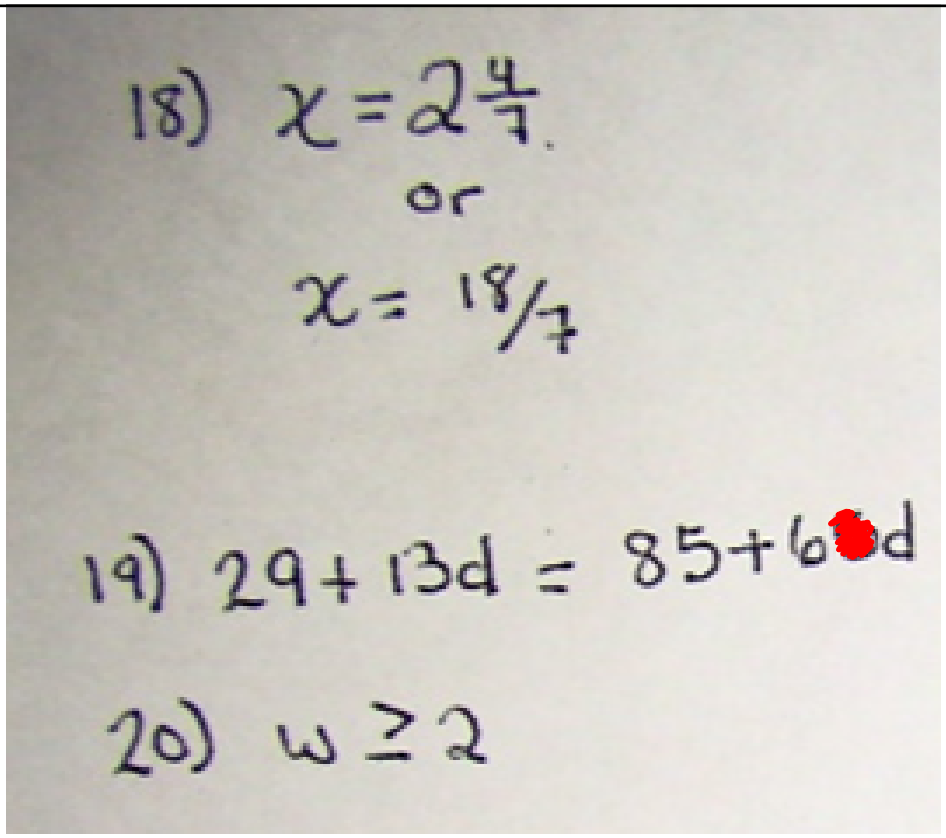

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21) $b < -1.8$

22a) h: hours

$13 + 2.35h \leq 29.45$

b) $h = 7$

23) a) $500 + 35p \leq 4700$

b) $p \leq 120$

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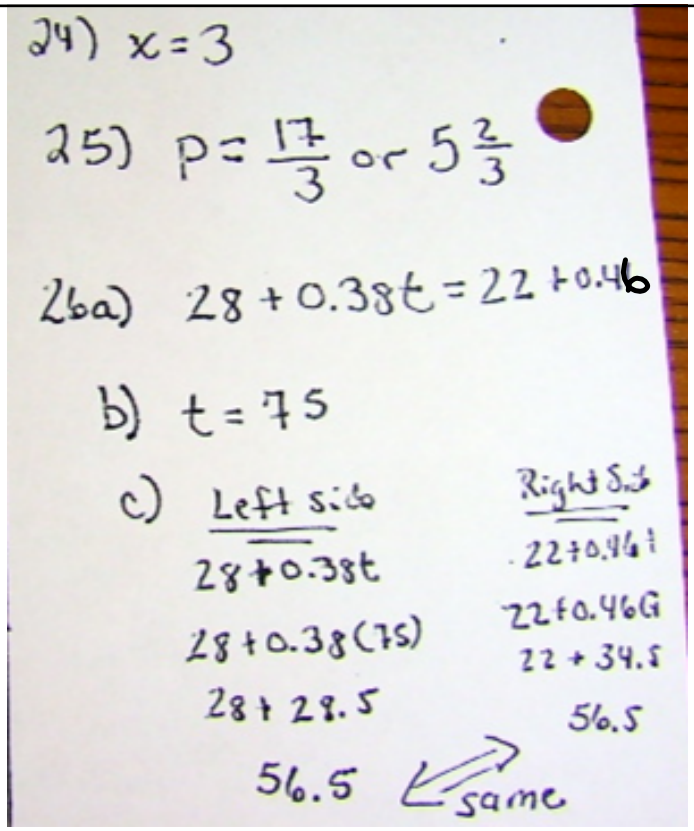
24) x = 3
25) p = 17/3 or 5 2/3
26a) 28 + 0.38t = 22 + 0.46
b) t = 75
c) Left side
28 + 0.38t
28 + 0.38(75)
28 + 28.5
56.5
Right S.
22 + 0.46t
22 + 0.46G
22 + 34.5
56.5
same

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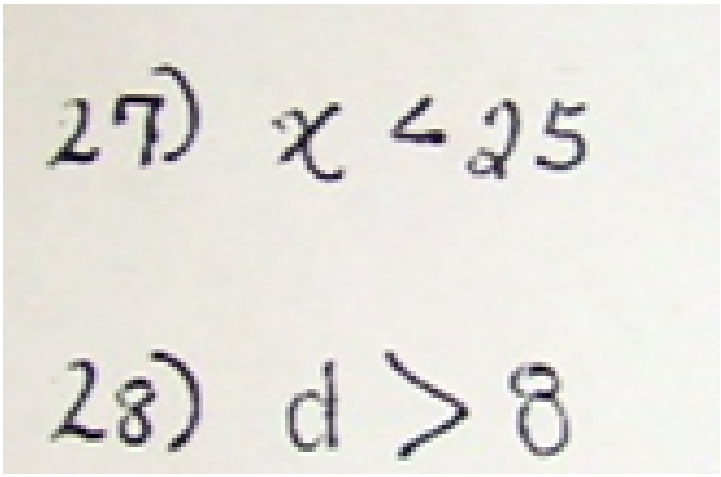

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16. Here is a student's solution for this question: Solve: $3x + 5 = 18$

Identify any errors in the solution.

$$3x + 5 = 18$$
$$\frac{3x}{3} + \frac{5}{3} = \frac{18}{3}$$
$$x + 5 = 6$$
$$x + 5 - 5 = 6 - 5$$
$$x = 1$$

17. A student solved this equation: $4(3w - 6) = 3 - 6w$

$$12w - 6 = -3w$$
$$12w - 6 + 6 = -3w + 6$$
$$12w = -3w + 6$$
$$12w - (-3w) = -3w + 6 - (-3w)$$

$12w - 24 = 3 - 6w$

Jun 1-12:42 PM