## Class/Homework

pg. 330

$$\begin{array}{lll}
A_1 & 1 & = 10 - 3x & -10 \\
1 - 10 & = 10 - 3x - 10 \\
- 9 & = -3x & -3 & = -x \\
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$$\frac{dy}{dx} = -30$$

$$\frac{6x}{6} = -30$$

$$\frac{6x}{6} = -30$$

$$\frac{6x}{6} = -30$$

a) mistake

In 21d step, the student added and subtracted 15 from the right side.

$$-3x + 15 = 30$$

$$-3x + 15 - 15 = 30 - 15$$

$$-3x = 15$$

$$-3x = 15$$

b) mistake, student said 7-1=8 instead of 6

$$7 = 1+2n$$
  
 $7-1 = 1+2n-1$   
 $6 = 2n$   
 $6 = 2n$   
 $3 = n$ 

c) mistake - in 3rd step, the student should have divided by 2, and he mult. by 2

do No mistake

$$80) 2x+5=-7$$
 $2x+5-5=-7-5$ 
 $2x=-12$ 
 $2x=-12$ 
 $2x=-12$ 
 $3x=-13$ 
 $3x=-14$ 

b) 
$$-3x + 11 = 2$$
  
 $-3x + 11 = 2 - 11$   
 $-3x = -9$   
 $-3x = -9$   
 $-3x = -9$   
 $-x = -3$   
 $x = -3$ 

$$0 - 9 = 5 + 7 \times 
-9 - 5 = 5 + 7 \times 
-14 = 7 \times 
-14 = 7 \times 
-14 = 7 \times 
-2 = 7 \tag{5 + 7 \times 2 \tag{5 + 7 \times 1 \tag$$

In 9 weeks, Navid will have the money in her account.

10.  

$$a_1 = n_1 = n_2 = 197$$
  
 $a_1 + 85 = 197 - 85$   
 $a_2 = 112$   
 $a_2 = 112$   
 $a_3 = 112$   
 $a_4 = 56$   
 $a_4 = 66$   
 $a_4 = 66$ 

otherded the dance.

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Extra Practice 2 Solve using algebra.pdf