## Algebra 1 Sec 7-1 Friday, December 19, 2014

1. For your birthday your father gives you 110 baseball cards. Your friend has the same birthday as you was given 20 cards for his birthday. You plan on buying 5 new cards each week. Your friend plans on buying 8 cards each week.

In how many weeks will the two of you have the same number of baseball cards?

2. Graph these two lines on the same graph below. y = -2x + 5 and y = 2x - 3What is their point of intersection? What does this point represent?



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Answerc

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T = 110+5W Friend T = 20 + 8W  $T = \pm weeks$ in 30 weeks the two of your will have the same he same graph below. y = -2x + 5 and y = 2x - 3 cards 2. Graph these two lines on the same graph below.y = -2x + 5What is their point of intersection? What does this point represent? · point of intersection (2,1) . This is the only point that is on both lines х . this point is the solution to the system of linear eqs