Proportional Relationships Re-Take Ticket

1) Decide if the following tables are proportional. **If so**, find the constant of proportionality **and** write an equation to represent the relationship in terms of x.

x	y
1	6
2	12
3	18
4	24

x	y
3	1
9	3
12	4
15	5

x	y
6	8
12	14
18	15
24	22

x	y
4	6
6	9
8	12
10	15

x	y
8	11
9	10
10	9
11	8

2) **Set-up and solve** a proportion to convert 87 inches into feet. You must show the proportion and work in order to get full credit for this question.

3) **Set-up and solve** a proportion to convert 4.3 hours into minutes. You must show the proportion and work in order to get full credit for this question.