

Pg. 64 (9-15 odd, 17-21)

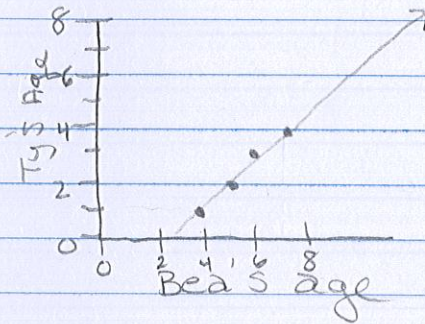
⑨  $(y) = 1 - (x)$  (2, 1)  
 $(1) = 1 - (2)$   
 $1 \neq -1$  Not a solution

⑰ Let Bea =  $x$   
 $Ty = y$   
 $y = x - 3$

⑪  $(y) = 6(x)$  (3, 16)  
 $16 = 6(3)$   
 $16 \neq 18$  Not a solution

Bea	4	5	6	7
Ty	1	2	3	4

⑬  $(y) = -4(x)$  (-2, 8)  
 $8 = -4(-2)$   
 $8 = 8$  ✓ Is a Solution

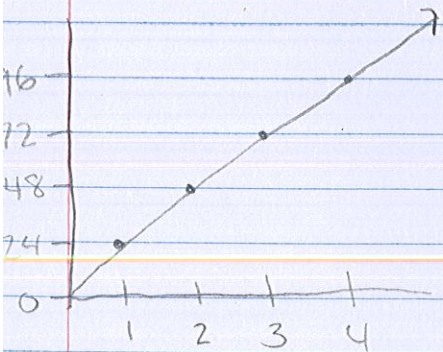


⑮  $(y) = (x) - \frac{3}{4}$  (2,  $1\frac{1}{4}$ )  
 $1\frac{1}{4} = 2 - \frac{3}{4}$   
 $1\frac{1}{4} = 1\frac{1}{4}$  ✓ Is a Solution

⑱

boards	1	2	3	4
checkers	24	48	72	96

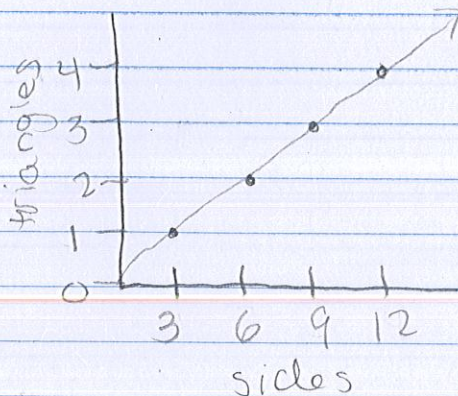
$y = 24x$



\* since you have  $\frac{1}{3}$ , choose multiples of 3 for  $x$  to cancel out the fraction!

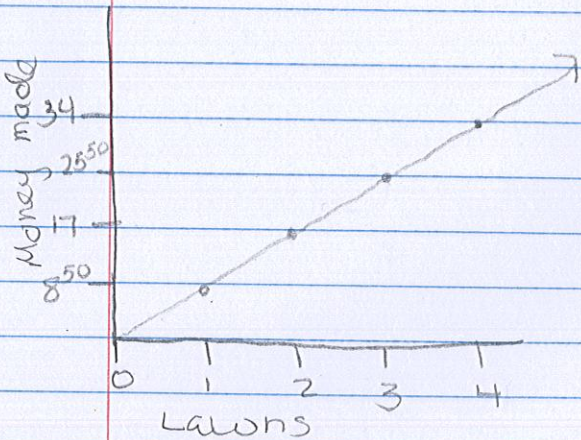
⑲

sides	3	6	9	12
triangles	1	2	3	4



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lawns	1	2	3	4
money	8 <sup>50</sup>	17	25 <sup>50</sup>	34



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### Stacks of Tires

# of Tires (x)	Height of stack (y)
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1	x 8	8
2	x 8	16
3	x 8	24
4	x 8	32
5		40
6		48
7		56

pattern is multiplying tires by 8