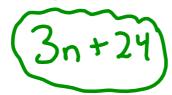
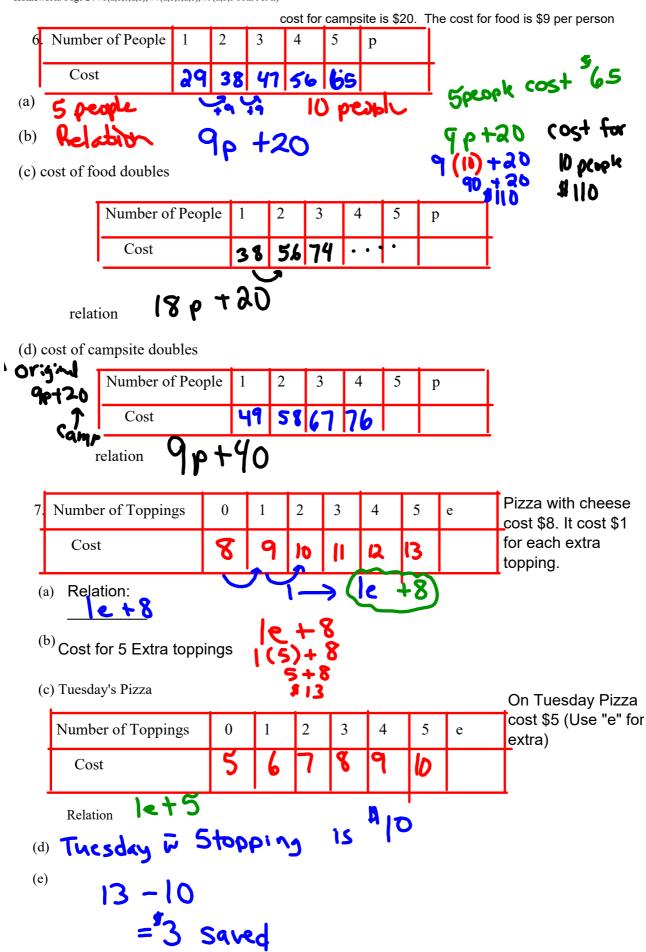


Term # gets multiplied by 3 then add 24. b) Let n represent any term number. Write the relation for the term



Homework: Page 24 #6(a,b,c,d,e), #7(a,b,c,d,e), #9(a,b,c both i & ii)



9) a)	Term #	1	2	3	4	5	6
	Term	3	5	7	9	11	13

Do Today

i)How is the term related to the term #? Term is qual a time term # plus one

ii) Relation: 20 +1

b)	Term #	3	4	5	6	7	8
	Term	7	10	13	16	19	22

i)How is the term related to the term #?

Term is equal to 3 time, term # plus

ii) Relation: 3n +1

c)	Term #	2	3	4	5	6	7
	Term	5	9	13	17	21	25

i)How is the term related to the term #?

Term is a good to 4 time the term #

minus 3

ii) Relation: 4n-3

1) A cable TV company charges \$100 for their services and \$3 for each extra TV channel.

a) Complete a chart

let to the node of the channels in the channels

b) Write a relation for the cost of TV with e extra channels.

c) How much does it cost for 20 extra channels?

a)
$$\frac{t}{cost}$$
 $\frac{t=1}{3t+100}$ $\frac{t=2}{3t+100}$ $\frac{3t+100}{3(2)+100}$ $\frac{3t+100}{3(3)+100}$ $\frac{3}{3}$ $\frac{101}{3}$ $\frac{101}{3}$ $\frac{102}{3}$ $\frac{102}{3}$ $\frac{103}{3}$ $\frac{103}{3$

c)
$$(0st = 3t + 100)$$

$$= 3(20) + 100$$

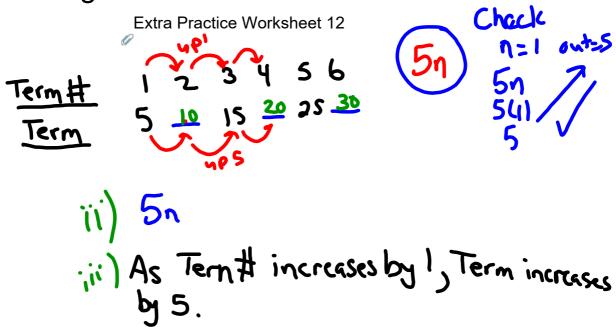
$$= 60 + 100$$

$$= 160$$

It will cost \$160 for 20 extra

Class/Homework

Page 24 #9



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