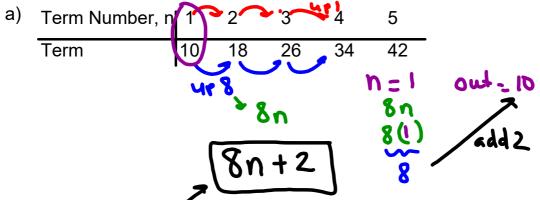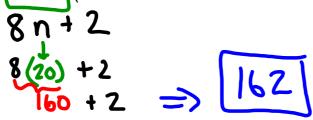# Warm Up

SHOW work on how to get the variable expression for the following charts

(Make sure to check to show how to get the constant)

a)

Term Number, n	1	2	3	4	5
Term	10	18	26	34	42

up 1

up 8

$8n$

$$8n + 2$$

$n = 1$ out $= 10$

$8n$

$8(1)$

8

add 2

b) Using your expression you found in part "a" calculate the output
TERM for n= 20. (Must show all work to receive full value)

$$8n + 2$$

$$8(20) + 2$$

$$160 + 2 \Rightarrow \boxed{162}$$

SHOW work on how to get the variable expression for the following charts

(Make sure to check to show how to get the constant)

2)

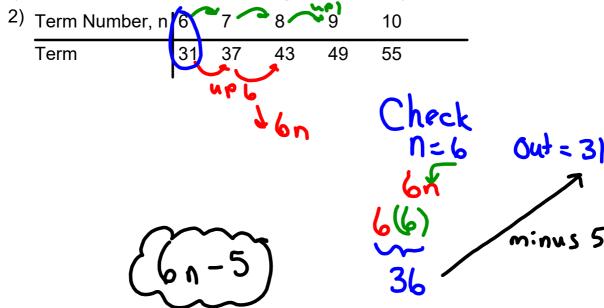| Term Number, n	6	7	8	9	10
Term	31	37	43	49	55

up 1

up 6

$6n$

$$6n - 5$$

Check
$n = 6$ Out $= 31$
$6n$
$6(6)$
36 minus 5

Attachments

gr 7 u1 pat day 5C QUIZ deter relations.notebook