Gillespie
Course 1: Gauge Ch6d
Multiple Representations

Name _____ $Score: \frac{\quad}{5}$

1)

$Input\ (x)$	$6x - 2$	$Output\ (y)$
6		?
4		
2		

2)

$Input\ (x)$	$4x + 4$	$Output\ (y)$
2		
3		
4		?

3)

$Input\ (x)$	1	2	3	4	5
$Output\ (y)$	8	16	24	32	?

4) Write an equation to represent the relationship between the independent and dependent quantities.

a) $y = \frac{x}{6}$

b) $y = \frac{6}{x}$

c) $y = 6 \div x$

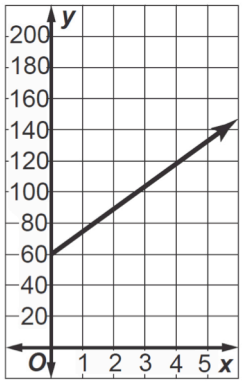
d) $y = 6 - x$

$Input\ (x)$	6	12	18	24	30
$Output\ (y)$	1	2	3	4	5

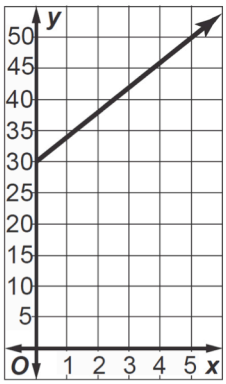
STAPLE

Analyze Graphs: choose the letter of the graph that represents each situation

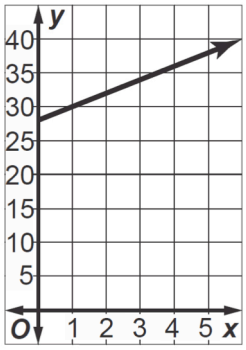
A.



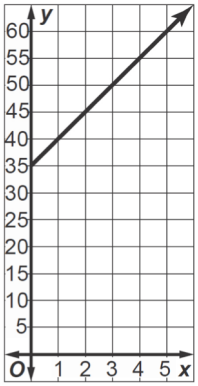
B.



C.



D.



5) _____ A theme park charges $35 admission plus $5 to see each show.

6) _____ A plumber charges $60 for a visit plus $15 per hour.

7) _____ A photography Web site charges $30 for a one-year membership plus $4 for each 11 × 14 photograph ordered.

8) _____ A bank charges a $28 overdraft charge plus $2 per overdrawn check.