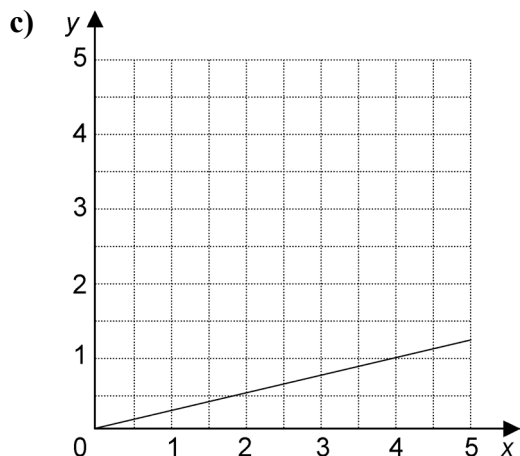
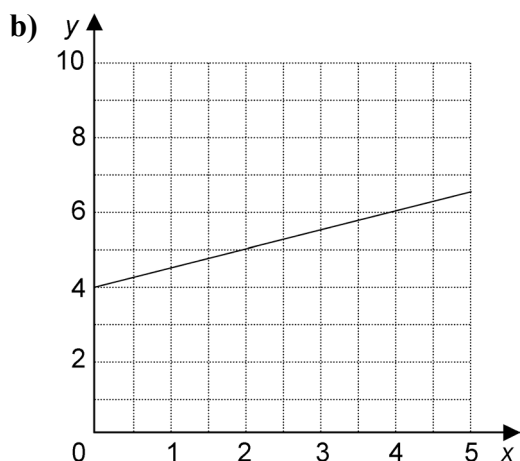
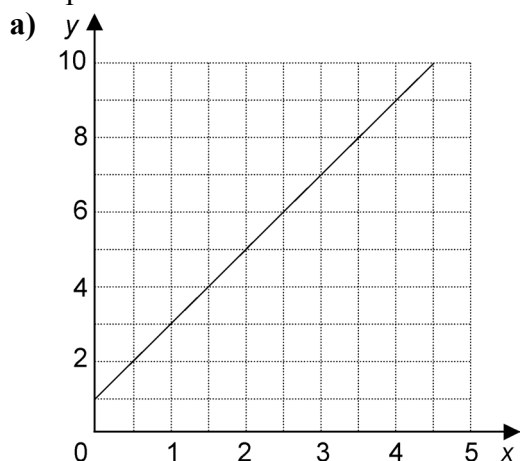


Practice: Partial Variation

1. Identify each relation as a direct variation or a partial variation.



2. Identify each relation as a direct variation or a partial variation.

a) $y = 3x + 2$ b) $y = 2x$
 c) $C = 0.65n$ d) $h = 5t + 2$

3. The relationship in the table is a partial variation.

x	y
0	3
1	4
2	5
3	6
4	7

- a) Use the table to identify the initial value of y and the constant of variation.
 b) Write an equation in the form $y = mx + b$.
 c) Graph the relation. Describe the graph.
4. Latoya is a sales representative. She earns a weekly salary of \$240 plus 15% commission on her sales.
- a) Copy and complete the table of values.

Sales (\$)	Earnings (\$)
0	
100	
200	
300	
400	
500	

- b) Identify the initial value and the constant of variation.
 c) Write an equation relating Latoya's earnings, E , and her sales, S .
 d) Graph the relation.