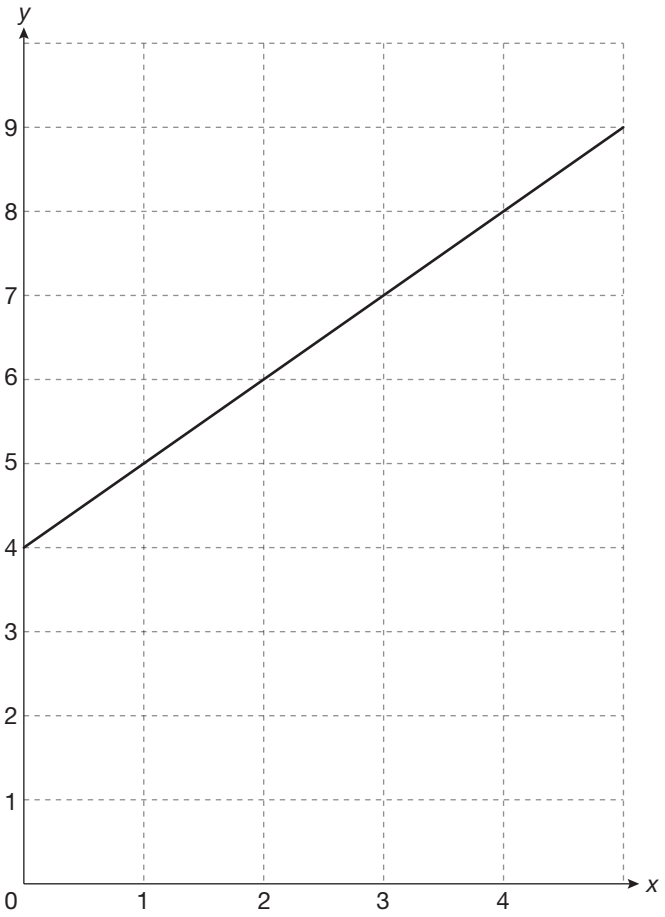
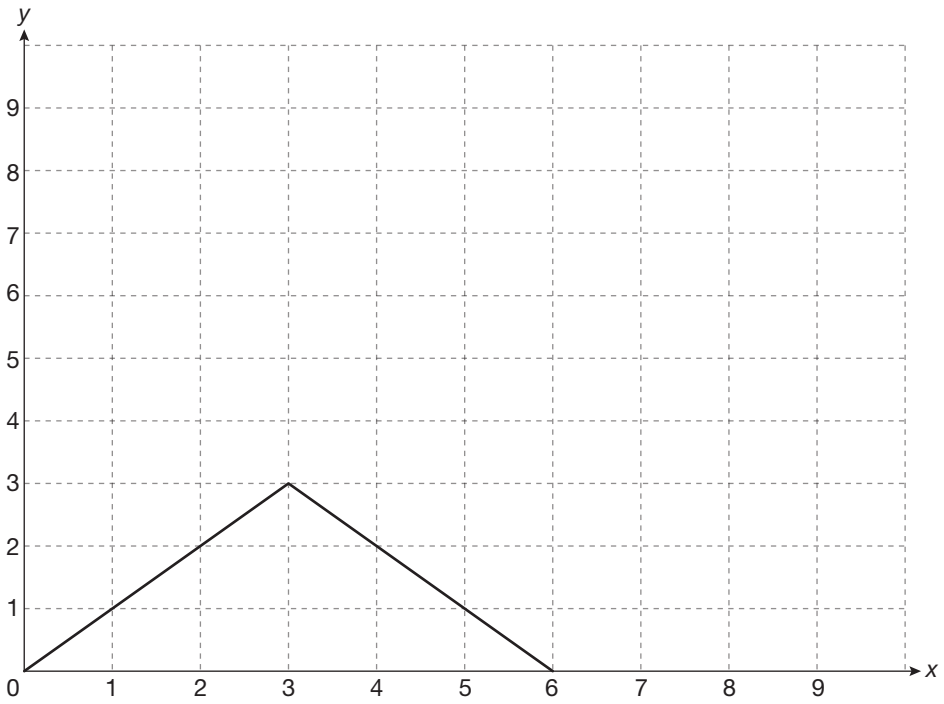
Practice – Part 1

Instructions: Answer each of the following practice questions on a separate piece of paper. Step by step solutions are provided under the Solutions tab. You will learn the material more thoroughly if you complete the questions before checking the answers under the Solutions tab in Moodle.

1. Identify the graph as direct variation, partial variation, or neither. If the graph represents either direct variation or partial variation, calculate the slope.



2. Identify the graph as direct variation, partial variation, or neither. If the graph represents either direct variation or partial variation, calculate the slope.



3. Identify the table of values as direct variation, partial variation, or neither. If the table of values represents direct variation or partial variation, calculate the slope.

x	y
0	0
5	5.5
10	11
20	16.5

4. Identify the equation $y = 2.7x + 0.81$ as direct variation, partial variation, or neither. If the equation represents either direct variation or partial variation, calculate the slope.

5. Identify the equation $y = 100x$ as direct variation, partial variation, or neither. If the equation represents either direct variation or partial variation, calculate the slope.