

## Answer Key

### Part I – Multiple Choice

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|------|------|
| 1. D | 5. C |
| 2. C | 6. A |
| 3. C | 7. D |
| 4. A | 8. B |

### Part II – Free Response

1.  $6w$
2. Yes
3. 17
4.  $-5$
5.  $5x + 30$
6.  $2x - 5$
7.  $x = -6$
8.  $y = 8$
9.  $m = -10$
10.  $d = 9$
11.  $x = -6$
12. Eq:  $y + 17 = 48$  Sol:  $y = 31$
13. Eq:  $\frac{x}{5} - 3 = 2$  Sol:  $x = 25$