

## Answers

- Q1**
- |                  |                  |                  |
|------------------|------------------|------------------|
| a) $y = 2x + 1$  | b) $y = 3x - 5$  | c) $y = x - 7$   |
| d) $y = 6$       | e) $y = -2x + 7$ | f) $y = -4x + 9$ |
| g) $y = -4x - 5$ | h) $y = 3x - 1$  | i) $y = -3x$     |

**Q2** Any valid rearrangement is acceptable, as long as it does not involve fractions.

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|-------------------|-------------------|--------------------|
| a) $2y = x - 2$   | b) $2y = 3x - 18$ | c) $2y = -x + 11$  |
| d) $3y = -4x + 5$ | e) $3y = 2x + 14$ | f) $4y = -7x - 35$ |
| g) $5y = 2x + 33$ | h) $4y = x - 1$   | i) $5y = -4x - 22$ |

- Q3**
- |                  |                  |                  |
|------------------|------------------|------------------|
| a) $y = 2x + 1$  | b) $y = 3x - 7$  | c) $y = -x + 6$  |
| d) $y = -2x - 1$ | e) $y = 4x - 13$ | f) $y = 5x + 17$ |
| g) $y = x + 3$   | h) $y = -2$      | i) $y = -3x - 3$ |

**Q4** Any valid rearrangement is acceptable, as long as it does not involve fractions.

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|-------------------|--------------------|-------------------|
| a) $2y = x + 6$   | b) $2y = 3x - 5$   | c) $3y = 2x + 16$ |
| d) $4y = -5x - 3$ | e) $3y = -5x + 10$ | f) $3y = -4x + 5$ |
| g) $8y = 3x - 1$  | h) $3y = -x - 5$   | i) $3y = -2x - 2$ |

- Q5**
- |                                       |   |  |
|---------------------------------------|---|--|
| a) $m = -2, c = 3$                    | b) $m = -3, c = -1$                     | c) $m = 2, c = 3$                      |
| d) $m = \frac{1}{2}, c = 2$           | e) $m = -\frac{1}{3}, c = 1$            | f) $m = -2, c = -3$                    |
| g) $m = -\frac{1}{2}, c = -3$         | h) $m = \frac{1}{3}, c = -4$            | i) $m = -1, c = \frac{3}{2}$           |
| j) $m = \frac{3}{2}, c = 3$           | k) $m = -\frac{2}{3}, c = 1$            | l) $m = -\frac{3}{4}, c = \frac{1}{4}$ |
| m) $m = \frac{4}{5}, c = 0$           | n) $m = 0, c = \frac{5}{4}$             | o) $m = 1, c = 0$                      |
| p) $m = -\frac{4}{7}, c = 0$          | q) $m = \frac{2}{3}, c = 0$             | r) $m = -\frac{2}{3}, c = 0$           |
| s) $m = \frac{2}{5}, c = 0$           | t) $m = -\frac{2}{3}, c = \frac{1}{3}$  | u) $m = -\frac{4}{5}, c = \frac{2}{5}$ |
| v) $m = \frac{7}{4}, c = \frac{3}{4}$ | w) $m = -\frac{7}{3}, c = -\frac{4}{3}$ | x) $m = \frac{3}{2}, c = -\frac{5}{2}$ |