

Answers

- Q1**
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| 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**
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|------------------|------------------|------------------|
| 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**
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|---------------------------------------|---|--|
| 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) $m = \frac{3}{2}, c = -\frac{5}{2}$ |