



## Writing a linear equation

### Writing linear equations - standard to slope

Convert given equations into the standard form of equation of each line.

$$1) \ x + 5 = 0$$

$$2) \ -2y = -2$$

$$3) \ -8y = 2x$$

$$4) \ x = -y + 1$$

$$5) \ -3 + y - x = 0$$

$$6) \ 4x = -5y + 10$$

$$7) -4 = 2x - y$$

$$8) y + 5 = 0$$

$$9) 7x + 20 = 4y$$

$$10) 3x = -3y - 15$$

$$11) 0 = 4y + x - 20$$

$$12) 5y = -20 + 8x$$

$$13) 3 = -y + x$$

$$14) -x - 7y = 11$$

$$15) -x + 10 = -7y$$

$$16) 8y - 5 = x$$

$$17) -5x - 1 = -4y$$

$$18) 0 = -2x - y + 4$$

$$19) -2y = -2x - 4$$

$$20) 16 = -3x + 5y$$

$$21) 5y - x = 20$$

$$22) -6x - 15 = 3y$$

$$23) \ 4x = 4 - y$$

$$24) \ 0 = -25 - 9x - 5y$$

$$25) \ -12 = 3y - 4x$$

$$26) \ 7x = -3y + 9$$

$$27) \ -x - 2 + \frac{2}{3}y = 0$$

$$28) \ -2x - y = 3$$

$$29) \ 1 - x = 0$$

$$30) \ 0 = -12x - 3y - 9$$

## Answers to Writing linear equations - standard to slope

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|--------------------|--------------------|--------------------|---------------------|
| 1) $x = -5$        | 2) $y = 1$         | 3) $x + 4y = 0$    | 4) $x + y = 1$      |
| 5) $x - y = -3$    | 6) $4x + 5y = 10$  | 7) $2x - y = -4$   | 8) $y = -5$         |
| 9) $7x - 4y = -20$ | 10) $x + y = -5$   | 11) $x + 4y = 20$  | 12) $8x - 5y = 20$  |
| 13) $x - y = 3$    | 14) $x + 7y = -11$ | 15) $x - 7y = 10$  | 16) $x - 8y = -5$   |
| 17) $5x - 4y = -1$ | 18) $2x + y = 4$   | 19) $x - y = -2$   | 20) $3x - 5y = -16$ |
| 21) $x - 5y = -20$ | 22) $2x + y = -5$  | 23) $4x + y = 4$   | 24) $9x + 5y = -25$ |
| 25) $4x - 3y = 12$ | 26) $7x + 3y = 9$  | 27) $3x - 2y = -6$ | 28) $2x + y = -3$   |
| 29) $x = 1$        | 30) $4x + y = -3$  |                    |                     |