

The Equation of a Line *fluency*



Find the equation of the line through each pair of points

1 (0, 3) and (2, 7)

2 (0, -1) and (3, 5)

3 (0, 4) and (1, 7)

4 (0, 2) and (4, 10)

5 (0, -5) and (2, 1)

6 (0, 6) and (3, 18)



Find the equation of the line through each pair of points

7 (1, 5) and (3, 9)

8 (2, 7) and (4, 15)

9 (1, 1) and (3, 7)

10 (2, 3) and (5, 9)

11 (3, 10) and (5, 16)

12 (1, -2) and (4, 10)



Find the equation of the line through each pair of points

13 (0, 8) and (2, 4)

14 (1, 7) and (3, 1)

15 (2, 5) and (4, 1)

16 (-1, 6) and (2, -3)

17 (3, -2) and (5, -10)

18 (-2, 9) and (1, 0)



Find the equation of the line through each pair of points

19 (0, 1) and (4, 3)

20 (3, 5) and (9, 7)

21 (-2, 4) and (2, 6)

22 (0, -2) and (3, 0)

23 (4, 1) and (8, -2)

24 (-3, 5) and (6, -1)



Find the equation of the line parallel to each line, through the point given

25 $y = 2x + 5$ through (1, 8)

26 $y = 4x - 3$ through (2, 3)

27 $y = -x + 7$ through (3, 1)

28 $y = \frac{x}{2} + 2$ through (4, 1)

29 $2x + y = 6$ through (1, 5)

30 $y - 3x = 4$ through (-1, 2)