

Gradient Between Two Points *fluency*

ANSWERS



Find the gradient of the line through the two points

1 (1, 2) and (3, 8)

3

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

4

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

2

4 (1, 0) and (4, 12)

4

5 (3, 4) and (5, 14)

5

6 (0, -2) and (6, 4)

1



Find the gradient of the line through the two points

7 (0, 8) and (2, 2)

-3

8 (1, 9) and (4, 3)

-2

9 (2, 5) and (4, -7)

-6

10 (-1, 6) and (1, -4)

-5

11 (3, 1) and (5, -13)

-7

12 (0, 0) and (3, -12)

-4



Find the gradient of the line through the two points

13 (0, 1) and (4, 3)

0.5

14 (2, 1) and (8, 3)

$\frac{1}{3}$

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

-0.75

16 (0, -1) and (6, 3)

$\frac{2}{3}$

17 (-2, 4) and (2, 7)

0.75

18 (3, 3) and (8, 1)

-0.4



Find the gradient of the line through the two points

19 (-3, -1) and (1, 7)

2

20 (-4, 2) and (-1, -7)

-3

21 (1.5, 2) and (3.5, 6)

2

22 (-2, -3) and (2, -1)

0.5

23 (0.5, 1) and (2.5, -4)

-2.5

24 (-6, 5) and (-2, -1)

-1.5



The gradient is given. Find the missing coordinate.

25 (1, 3) and (4, ?), gradient 2

9

26 (0, 5) and (3, ?), gradient -1

2

27 (2, 1) and (?, 13), gradient 4

5

28 (-1, 4) and (3, ?), gradient 0.5

6

29 (2, 7) and (?, 1), gradient -3

4

30 (0, 0) and (?, 20), gradient 2.5

8