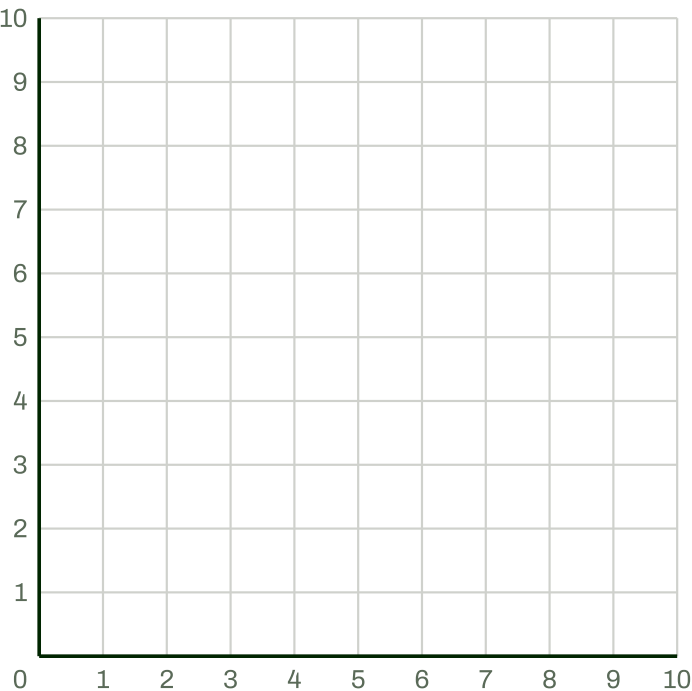


Graph a proportional relationship

NAME	DATE	SCORE
		/ 10

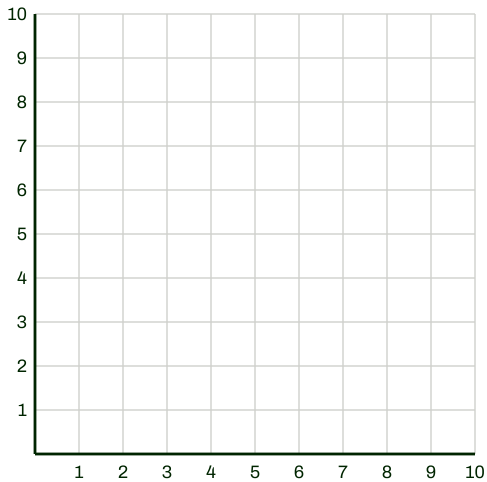
- 1

x and y are proportional, and $y = 32$ when $x = 4$. Plot the point on the graph of x and y where $x = 1$.



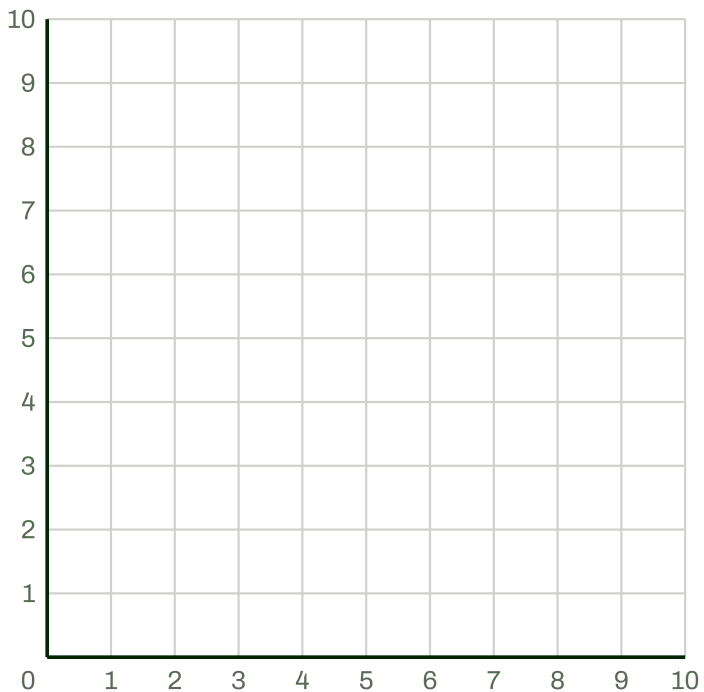
2

4 books cost \$16. On the plane below, x is the number of books and y is the cost in dollars. Graph the cost of x books. Circle the point for 1 book.



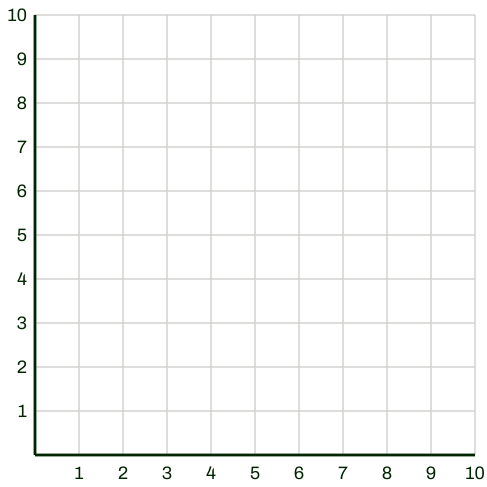
3

Plot the point on the graph of $y = 4x$ where $x = 1$.



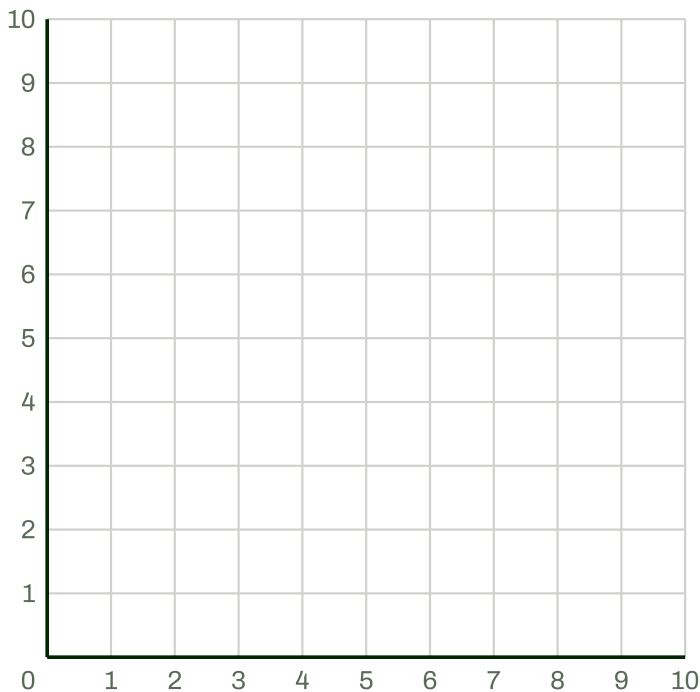
4

Graph $y = 5x$ on the coordinate plane below. Circle the point where x is 1.



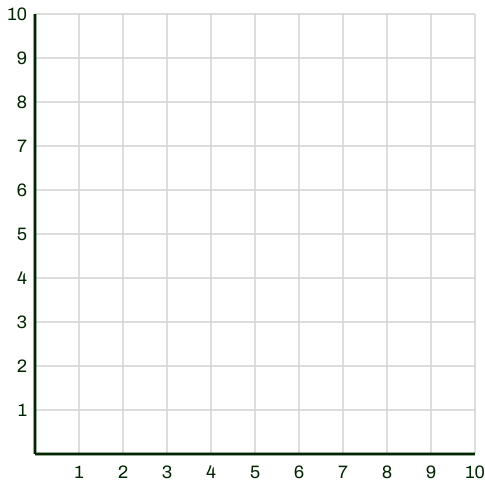
5

2 books cost \$14. On the graph, x is the number of books and y is the cost in dollars. Plot the point for 1 book.



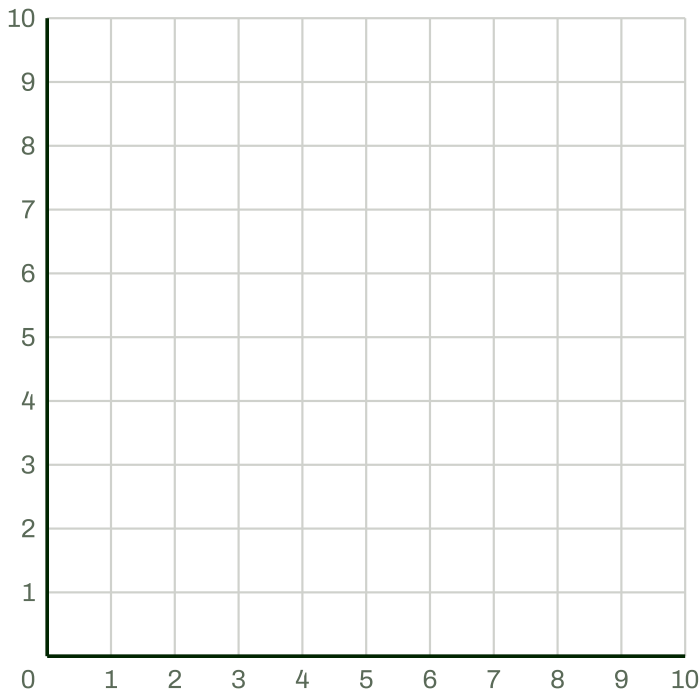
6

2 notebooks cost \$6. On the plane below, x is the number of notebooks and y is the cost in dollars. Graph the cost of x notebooks. Circle the point for 1 notebook.



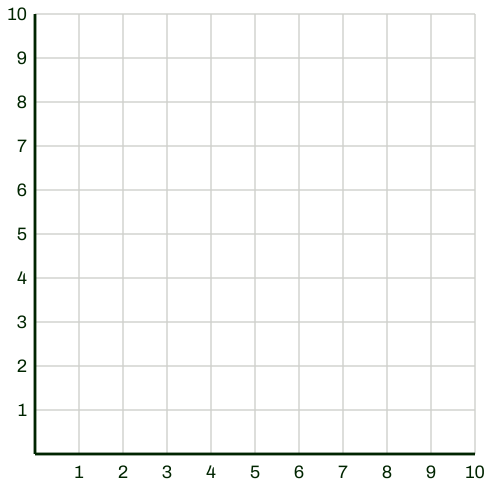
7

6 pens cost \$24. On the graph, x is the number of pens and y is the cost in dollars. Plot the point for 1 pen.



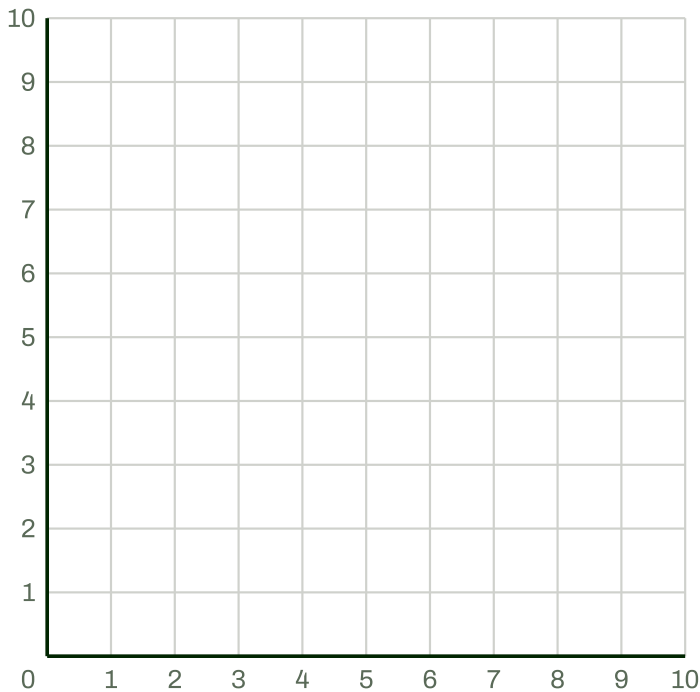
8

2 pens cost \$4. On the plane below, x is the number of pens and y is the cost in dollars. Graph the cost of x pens. Circle the point for 1 pen.

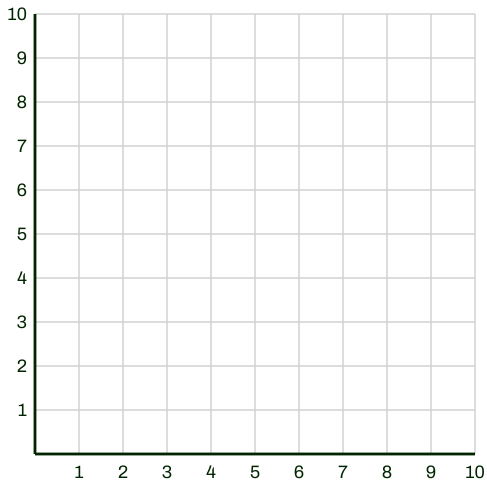


9

3 notebooks cost \$24. On the graph, x is the number of notebooks and y is the cost in dollars. Plot the point for 1 notebook.



- 10** 2 books cost \$8. On the plane below, x is the number of books and y is the cost in dollars. Graph the cost of x books. Circle the point for 1 book.



Graph a proportional relationship

1

1,8

3

1,4

5

1,7

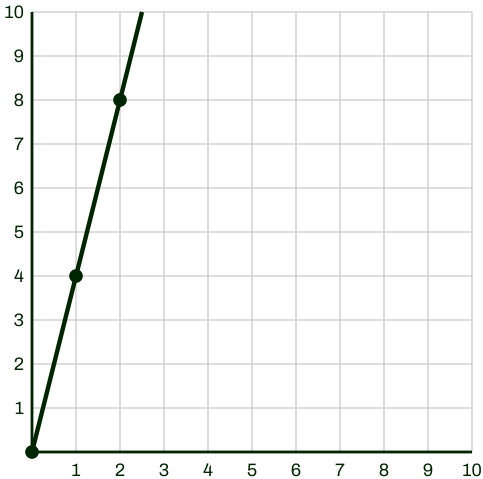
7

1,4

9

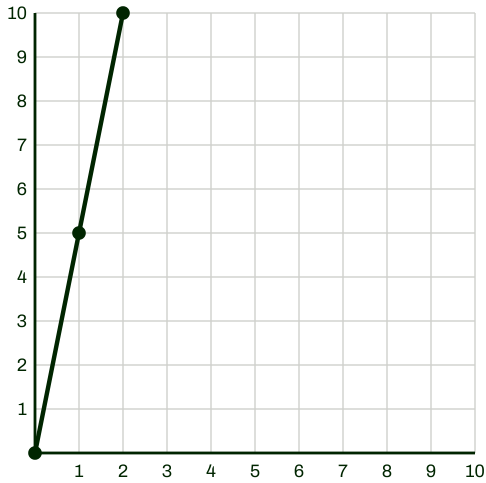
1,8

2A drawing



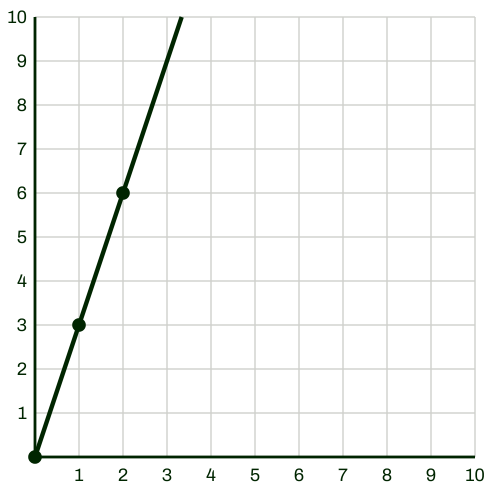
What counts as right: A straight line from (0, 0) through (1, 4) and (2, 8), and the point (1, 4) circled. A line that does not pass through (0, 0), or the point (4, 1) circled instead, does not count.

4 A drawing



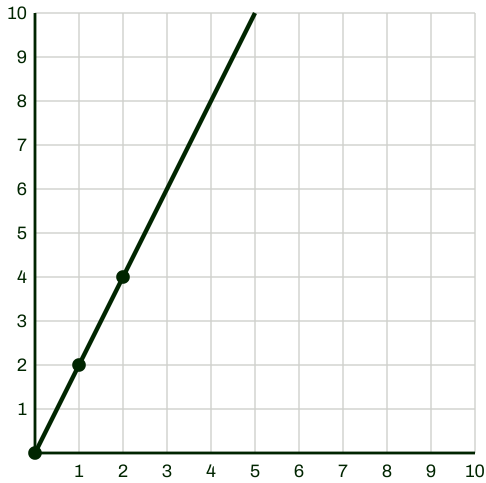
What counts as right: A straight line from (0, 0) through (1, 5) and (2, 10), and the point (1, 5) circled. A line that does not pass through (0, 0), or the point (5, 1) circled instead, does not count.

6 A drawing



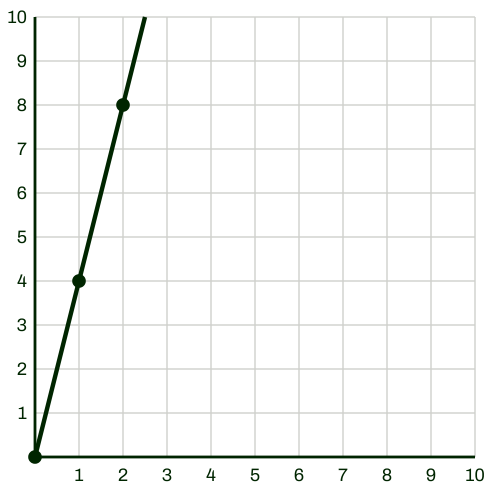
What counts as right: A straight line from (0, 0) through (1, 3) and (2, 6), and the point (1, 3) circled. A line that does not pass through (0, 0), or the point (3, 1) circled instead, does not count.

8 A drawing



What counts as right: A straight line from (0, 0) through (1, 2) and (2, 4), and the point (1, 2) circled. A line that does not pass through (0, 0), or the point (2, 1) circled instead, does not count.

10 A drawing



What counts as right: A straight line from (0, 0) through (1, 4) and (2, 8), and the point (1, 4) circled. A line that does not pass through (0, 0), or the point (4, 1) circled instead, does not count.