Task card 1 Writing Proportional Functions (y...

y is proportional to x, and y = 20 when x = 5. Write the function.

Task card 2 Writing Proportional Functions (y...

y is proportional to x, and y = 16 when x = 8. Write the function.

Task card 3 Writing Proportional Functions (y...

y is proportional to x, and y = 40 when x = 8. Write the function.

Task card 4 Writing Proportional Functions (y...

y is proportional to x, and y = 9 when x = 3. Write the function.

Task card 5 Writing Proportional Functions (y...

y is proportional to x, and y = 14 when x = 2. Write the function.

Task card 6 Writing Proportional Functions (y...

y is proportional to x, and y = 40 when x = 5. Write the function.

Task card 7 Writing Proportional Functions (y...

y is proportional to x, and y = 24 when x = 3. Write the function.

Task card 8 Writing Proportional Functions (y...

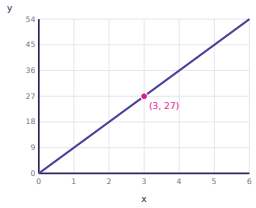
y is proportional to x, and y = 81 when x = 9. Write the function.

Task card 9 Writing Proportional Functions (y...

y is proportional to x, and y = 77 when x = 7. Write the function.

Task card 10 Writing Proportional Functions (y...

The graph shows a proportional function. Write its equation.

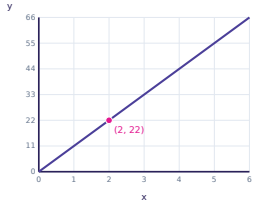


Task card 11 Writing Proportional Functions (y...

y is proportional to x, and y = 30 when x = 5. Write the function.

Task card 12 Writing Proportional Functions (y...

The graph shows a proportional function. Write its equation.



Task card 13 Writing Proportional Functions (y...

y is proportional to x, and y = 63 when x = 7. Write the function.

Task card 14 Writing Proportional Functions (y...

y is proportional to x, and y = 12 when x = 3. Write the function.

Task card 15 Writing Proportional Functions (y...

y is proportional to x, and y = 15 when x = 5. Write the function.

Task card 16 Writing Proportional Functions (y...

y is proportional to x, and y = 6 when x = 2. Write the function.

Task card 17 Writing Proportional Functions (y...

y is proportional to x, and y = 24 when x = 8. Write the function.

Task card 18 Writing Proportional Functions (y...

y is proportional to x, and y = 24 when x = 6. Write the function.

Task card 19 Writing Proportional Functions (y...

y is proportional to x, and y = 18 when x = 3. Write the function.

Task card 20 Writing Proportional Functions (y...

y is proportional to x, and y = 18 when x = 9. Write the function.

Task card 21 Writing Proportional Functions (y...

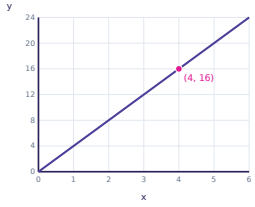
y is proportional to x, and y = 42 when x = 7. Write the function.

Task card 22 Writing Proportional Functions (y...

y is proportional to x, and y = 10 when x = 5. Write the function.

Task card 23 Writing Proportional Functions (y...

The graph shows a proportional function. Write its equation.



Task card 24 Writing Proportional Functions (y...

y is proportional to x, and y = 72 when x = 8. Write the function.

Writing Proportional Functions (y = kx) Task Cards

Recording sheet · Grade 8 · Write each function in the form y = kx. Write a fraction k in brackets, like y = (2/3)x.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Writing Proportional Functions (y = kx) Task Cards: Answer Key

Grade 8 · Easy

The answers online

1. y = 4x	**2.** y = 2x	**3.** y = 5x
4. y = 3x	**5.** y = 7x	**6.** y = 8x
7. y = 8x	**8.** y = 9x	**9.** y = 11x
10. y = 9x	**11.** y = 6x	**12.** y = 11x
13. y = 9x	**14.** y = 4x	**15.** y = 3x
16. y = 3x	**17.** y = 3x	**18.** y = 4x
19. y = 6x	**20.** y = 2x	**21.** y = 6x
22. y = 2x	**23.** y = 4x	**24.** y = 9x