

# Tipos de variación y tablas de valores

Equipo 2.

# Recordemos

Inver

| <del>x</del> a | y  |
|----------------|----|
| 6              | 10 |
| 4              | 15 |
| 2              | 30 |
| 10             | 6  |
| 60             | 1  |

$$k = x * y$$

Direct

| <del>a</del> x | y  |
|----------------|----|
| 8              | 72 |
| 5              | 45 |
| 2              | 18 |
| 7              | 63 |
| 9              | 81 |

$$k = y/x$$

Linea

| <del>x</del> l | y  |
|----------------|----|
| 4              | 9  |
| 5              | 11 |
| 6              | 13 |
| 7              | 15 |
| 8              | 17 |

1 < 2  
1 < 2  
1 < 2  
1 < 2

$$k = y/x$$

Cuadrati

| <del>a</del> x | y  |
|----------------|----|
| 1              | 1  |
| 2              | 4  |
| 3              | 9  |
| 4              | 16 |
| 5              | 25 |

$$k = x^2$$

# Ejercicios

Encuentra la constante de proporcionalidad de cada tabla.

1.

| $x$ | $y$ |
|-----|-----|
| 8   | 72  |
| 5   | 45  |
| 2   | 18  |
| 7   | 63  |
| 9   | 81  |

2.

| $x$ | $y$  |
|-----|------|
| 3   | 4.5  |
| 4   | 6    |
| 5   | 7.5  |
| 11  | 16.5 |

3.

| $x$ | $y$ |
|-----|-----|
| 2   | 6   |
| 4   | 12  |
| 6   | 18  |
| 15  | 45  |

4.

| $x$ | $y$ |
|-----|-----|
| 4   | 8   |
| 5   | 10  |
| 10  | 20  |
| 25  | 50  |

5.

| $x$ | $y$ |
|-----|-----|
| 2   | 3   |
| 4   | 6   |
| 6   | 9   |

6.

| $x$ | $y$ |
|-----|-----|
| 1   | 4   |
| 2   |     |
|     | 12  |
|     | 16  |
| 9   |     |

7.

| $x$ | $y$ |
|-----|-----|
| 10  | 336 |
|     | 168 |
| 30  |     |
|     | 84  |

8.

| $x$ | $y$ |
|-----|-----|
| 10  |     |
|     | 24  |
| 20  | 6   |
| 3   |     |

9.

| $x$ | $y$ |
|-----|-----|
| 0   | 15  |
| 1   | 17  |
| 2   | 19  |
| 3   | 21  |
| 4   | 23  |

# Ejercicios

10. Un repartidor de periódico ha ganado en 7 días 437.5 pesos. ¿Cuántos días tiene que trabajar para ganar 1,000 pesos?

11. Una diseñadora le entregó esta semana al dueño de una tienda de ropa 48 pantalones terminados, por los que le pagan \$28.800. Completa la siguiente tabla de valores:

| $x$ | $y$ |
|-----|-----|
| 24  |     |
| 12  |     |
| 30  |     |
| 60  |     |

| $x$ | $y$    |
|-----|--------|
| 24  | 14.400 |
| 12  | 7.200  |
| 30  | 18.000 |
| 60  | 36.000 |

The background is a light cream color decorated with various abstract geometric elements. In the top left, there are several parallel diagonal lines in a light orange color. Below them is a small orange circle. To the left of the text is a light purple 4x4 grid. In the bottom left, there are concentric yellow arcs and a light blue triangle. In the top right, there is a grid of small orange dots and a wavy orange line. In the bottom right, there is a large light orange semi-circle, a yellow circle, an orange irregular shape, and a light blue square.

Muchas  
gracias