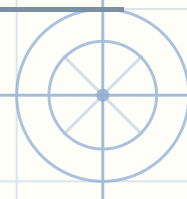


Name: \_\_\_\_\_

Date: \_\_\_\_\_

Do what each table asks — find the constant, or write the equation.



1

|   |    |    |    |     |
|---|----|----|----|-----|
| x | 2  | 5  | 8  | 9   |
| y | 24 | 60 | 96 | 108 |

 $\rightarrow y = \text{---} x$

2

|   |   |    |    |    |
|---|---|----|----|----|
| x | 4 | 6  | 8  | 9  |
| y | 8 | 12 | 16 | 18 |

 $\rightarrow y = \text{---} x$

3

|   |    |    |    |    |
|---|----|----|----|----|
| x | 2  | 6  | 7  | 9  |
| y | 22 | 66 | 77 | 99 |

 $k \rightarrow \text{---}$

4

|   |    |    |    |    |
|---|----|----|----|----|
| x | 4  | 5  | 7  | 8  |
| y | 40 | 50 | 70 | 80 |

 $k \rightarrow \text{---}$

5

|   |   |    |    |    |
|---|---|----|----|----|
| x | 2 | 5  | 6  | 7  |
| y | 6 | 15 | 18 | 21 |

 $k \rightarrow \text{---}$

6

|   |    |    |    |    |
|---|----|----|----|----|
| x | 4  | 5  | 7  | 8  |
| y | 16 | 20 | 28 | 32 |

 $k \rightarrow \text{---}$



## Constant of proportionality · Constant and equation — Answer key

1. x: 2, 5, 8, 9 y: 24, 60, 96,  
108  $\rightarrow y = 12x$

2. x: 4, 6, 8, 9 y: 8, 12, 16, 18  
 $\rightarrow y = 2x$

3. x: 2, 6, 7, 9 y: 22, 66, 77,  
99  $\rightarrow k = 11$

4. x: 4, 5, 7, 8 y: 40, 50, 70,  
80  $\rightarrow k = 10$

5. x: 2, 5, 6, 7 y: 6, 15, 18, 21  
 $\rightarrow k = 3$

6. x: 4, 5, 7, 8 y: 16, 20, 28,  
32  $\rightarrow k = 4$

