Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Math 7
Constant of Proportionality Worksheet Stewart

1. Find the constant of proportionality from the table below. Show your work!

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **X** | 7.5 | 10 | 17.5 | 20 |
| **Y** | 4.5 | 6 | 10.5 | 12 |

1. Find the constant of proportionality from the table below. Show your work!

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **X** | 1.5 | 2 | 3.5 | 5 |
| **Y** | 10.5 | 14 | 24.5 | 35 |

1. Find the constant of proportionality from the table below. Show your work!

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **X** | 2 | 4 | 5 | 7 |
| **Y** | 1 | 2 | 2.5 | 3.5 |

1. Find the constant of proportionality from the table below. Show your work!

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **X** | 2 | 3 | 5 | 6 |
| **Y** | 6 | 9 | 15 | 18 |

1. Find the constant of proportionality from the table below. Show your work!

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **X** | 2 | 4 | 7 | 9 |
| **Y** | 0.4 | 0.8 | 1.4 | 1.8 |

1. Find the constant of proportionality from the table below. Show your work!

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **X** | 1.5 | 3 | 4.5 | 12 |
| **Y** | 1 | 2 | 3 | 8 |

1. Find the constant of proportionality from the equations below:
2. y = 7.25x b) y = 4x c) y = ⅞ x
3. Find the constant of proportionality from the equations below:
 a) y = 3.8x b) y = 7x c) y = ⅔ x
4. Find the constant of proportionality from the graphs below:



