

Name \_\_\_\_\_

Constant of Proportionality Worksheet

Math 7

Engle

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

<b>X</b>	7.5	10	17.5	20
<b>Y</b>	4.5	6	10.5	12

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

<b>X</b>	1.5	2	3.5	5
<b>Y</b>	10.5	14	24.5	35

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

<b>X</b>	2	4	5	7
<b>Y</b>	1	2	2.5	3.5

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

<b>X</b>	2	3	5	6
<b>Y</b>	6	9	15	18

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

<b>X</b>	2	4	7	9
<b>Y</b>	0.4	0.8	1.4	1.8

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

<b>X</b>	1.5	3	4.5	12
<b>Y</b>	1	2	3	8

7. Find the constant of proportionality from the equations below:

a)  $y = 7.25x$

b)  $y = 4x$

c)  $y = \frac{7}{8}x$

8. Find the constant of proportionality from the equations below:

a)  $y = 3.8x$

b)  $y = 7x$

c)  $y = \frac{2}{3}x$

9. Find the constant of proportionality from the graphs below:

