

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

## Complete the Table

Sheet 1

Determine the constant of variation (k). Complete the table.

1)

|     |    |     |     |    |
|-----|----|-----|-----|----|
| $x$ | 15 |     | -21 | 24 |
| $y$ | 45 | -54 | -63 |    |

2)

|     |    |    |   |   |
|-----|----|----|---|---|
| $x$ | 2  | -3 | 5 |   |
| $y$ | 15 |    | 6 | 3 |

3)

|     |     |
|-----|-----|
| $x$ | -11 |
| $y$ |     |

|    |    |    |
|----|----|----|
|    | 72 | 96 |
| 42 | 36 | 48 |

5)

|     |    |
|-----|----|
| $x$ |    |
| $y$ | 18 |

|    |   |    |
|----|---|----|
|    | 8 | 12 |
| 16 |   | 8  |

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7)

|     |     |    |    |   |
|-----|-----|----|----|---|
| $x$ | -3  | -5 | 15 |   |
| $y$ | -25 |    | 5  | 3 |

8)

|     |    |     |    |     |
|-----|----|-----|----|-----|
| $x$ | -1 | -4  | -8 | -16 |
| $y$ | -6 | -24 |    |     |

**Complete the Table**

Determine the constant of variation (k). Complete the table.

1)

|   |    |            |     |           |
|---|----|------------|-----|-----------|
| x | 15 | <b>-18</b> | -21 | 24        |
| y | 45 | -54        | -63 | <b>72</b> |

2)

|   |    |            |   |           |
|---|----|------------|---|-----------|
| x | 2  | -3         | 5 | <b>10</b> |
| y | 15 | <b>-10</b> | 6 | 3         |

3)

|   |           |
|---|-----------|
| x | -11       |
| y | <b>-4</b> |

**= 30**

|           |    |    |
|-----------|----|----|
| <b>84</b> | 72 | 96 |
| 42        | 36 | 48 |

5)

|   |          |
|---|----------|
| x | <b>1</b> |
| y | 18       |

**=  $\frac{1}{2}$** 

|          |           |    |
|----------|-----------|----|
| <b>6</b> | 8         | 12 |
| 16       | <b>12</b> | 8  |

**= 96**

7)

|   |     |            |    |           |
|---|-----|------------|----|-----------|
| x | -3  | -5         | 15 | <b>25</b> |
| y | -25 | <b>-15</b> | 5  | 3         |

**k = 75**

8)

|   |    |     |            |            |
|---|----|-----|------------|------------|
| x | -1 | -4  | -8         | -16        |
| y | -6 | -24 | <b>-48</b> | <b>-96</b> |

**k = 6****PREVIEW**

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