



Calculate the difference in Rate of Change between Set A and Set B.

Answers

1)

|       |   |   |     |     |     |
|-------|---|---|-----|-----|-----|
| Set A | x | 0 | 6   | 7   | 9   |
|       | y | 0 | -18 | -21 | -27 |
| Set B | x | 0 | 2   | 4   | 9   |
|       | y | 0 | 18  | 36  | 81  |

1. \_\_\_\_\_

2)

|       |   |   |      |    |      |
|-------|---|---|------|----|------|
| Set A | x | 0 | 2    | 6  | 10   |
|       | y | 0 | 5    | 15 | 25   |
| Set B | x | 0 | 3    | 4  | 7    |
|       | y | 0 | 19.5 | 26 | 45.5 |

2. \_\_\_\_\_

3. \_\_\_\_\_

3)

|       |   |   |    |      |    |
|-------|---|---|----|------|----|
| Set A | x | 0 | 4  | 5    | 6  |
|       | y | 0 | 18 | 22.5 | 27 |
| Set B | x | 0 | 2  | 5    | 9  |
|       | y | 0 | 18 | 45   | 81 |

4. \_\_\_\_\_

5. \_\_\_\_\_

4)

|       |   |   |    |      |    |
|-------|---|---|----|------|----|
| Set A | x | 0 | 4  | 5    | 8  |
|       | y | 0 | 20 | 25   | 40 |
| Set B | x | 0 | 2  | 3    | 4  |
|       | y | 0 | 13 | 19.5 | 26 |

6. \_\_\_\_\_

5)

|       |   |   |    |      |    |
|-------|---|---|----|------|----|
| Set A | x | 0 | 2  | 3    | 8  |
|       | y | 0 | 15 | 22.5 | 60 |
| Set B | x | 0 | 4  | 7    | 9  |
|       | y | 0 | 36 | 63   | 81 |

6)

|       |   |   |    |      |      |
|-------|---|---|----|------|------|
| Set A | x | 0 | 2  | 3    | 9    |
|       | y | 0 | 13 | 19.5 | 58.5 |
| Set B | x | 0 | 5  | 7    | 9    |
|       | y | 0 | 50 | 70   | 90   |



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Answers

1)

|       |   |   |     |     |     |           |
|-------|---|---|-----|-----|-----|-----------|
| Set A | x | 0 | 6   | 7   | 9   | $y = -3x$ |
|       | y | 0 | -18 | -21 | -27 |           |
| Set B | x | 0 | 2   | 4   | 9   | $y = 9x$  |
|       | y | 0 | 18  | 36  | 81  |           |

1. 12

2)

|       |   |   |      |    |      |            |
|-------|---|---|------|----|------|------------|
| Set A | x | 0 | 2    | 6  | 10   | $y = 2.5x$ |
|       | y | 0 | 5    | 15 | 25   |            |
| Set B | x | 0 | 3    | 4  | 7    | $y = 6.5x$ |
|       | y | 0 | 19.5 | 26 | 45.5 |            |

2. 43. 4.54. 1.55. 1.56. 3.5

3)

|       |   |   |    |      |    |            |
|-------|---|---|----|------|----|------------|
| Set A | x | 0 | 4  | 5    | 6  | $y = 4.5x$ |
|       | y | 0 | 18 | 22.5 | 27 |            |
| Set B | x | 0 | 2  | 5    | 9  | $y = 9x$   |
|       | y | 0 | 18 | 45   | 81 |            |

4)

|       |   |   |    |      |    |            |
|-------|---|---|----|------|----|------------|
| Set A | x | 0 | 4  | 5    | 8  | $y = 5x$   |
|       | y | 0 | 20 | 25   | 40 |            |
| Set B | x | 0 | 2  | 3    | 4  | $y = 6.5x$ |
|       | y | 0 | 13 | 19.5 | 26 |            |

5)

|       |   |   |    |      |    |            |
|-------|---|---|----|------|----|------------|
| Set A | x | 0 | 2  | 3    | 8  | $y = 7.5x$ |
|       | y | 0 | 15 | 22.5 | 60 |            |
| Set B | x | 0 | 4  | 7    | 9  | $y = 9x$   |
|       | y | 0 | 36 | 63   | 81 |            |

6)

|       |   |   |    |      |      |            |
|-------|---|---|----|------|------|------------|
| Set A | x | 0 | 2  | 3    | 9    | $y = 6.5x$ |
|       | y | 0 | 13 | 19.5 | 58.5 |            |
| Set B | x | 0 | 5  | 7    | 9    | $y = 10x$  |
|       | y | 0 | 50 | 70   | 90   |            |