



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

Answers

1)

| | | | | | |
|-------|---|---|----|----|------|
| Set A | x | 0 | 2 | 6 | 8 |
| | y | 0 | 14 | 42 | 56 |
| Set B | x | 0 | 2 | 4 | 7 |
| | y | 0 | 21 | 42 | 73.5 |

1. _____

2)

| | | | | | |
|-------|---|---|-------|-------|------|
| Set A | x | 0 | 3 | 5 | 6 |
| | y | 0 | -13.5 | -22.5 | -27 |
| Set B | x | 0 | 4 | 5 | 9 |
| | y | 0 | 30 | 37.5 | 67.5 |

2. _____

3)

| | | | | | |
|-------|---|---|------|-----|-----|
| Set A | x | 0 | 3 | 6 | 10 |
| | y | 0 | 19.5 | 39 | 65 |
| Set B | x | 0 | 3 | 4 | 8 |
| | y | 0 | -30 | -40 | -80 |

3. _____

4)

| | | | | | |
|-------|---|---|----|------|----|
| Set A | x | 0 | 2 | 9 | 10 |
| | y | 0 | 5 | 22.5 | 25 |
| Set B | x | 0 | 2 | 3 | 10 |
| | y | 0 | 17 | 25.5 | 85 |

4. _____

5)

| | | | | | |
|-------|---|---|----|----|----|
| Set A | x | 0 | 2 | 7 | 10 |
| | y | 0 | 6 | 21 | 30 |
| Set B | x | 0 | 4 | 5 | 10 |
| | y | 0 | 24 | 30 | 60 |

5. _____

6)

| | | | | | |
|-------|---|---|-------|------|-----|
| Set A | x | 0 | 3 | 7 | 10 |
| | y | 0 | 7.5 | 17.5 | 25 |
| Set B | x | 0 | 3 | 4 | 10 |
| | y | 0 | -19.5 | -26 | -65 |

6. _____



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

Answers

1)

| | | | | | | |
|-------|---|---|----|----|------|-----------|
| Set A | x | 0 | 2 | 6 | 8 | $y=7x$ |
| | y | 0 | 14 | 42 | 56 | |
| Set B | x | 0 | 2 | 4 | 7 | $y=10.5x$ |
| | y | 0 | 21 | 42 | 73.5 | |

1. 3.5

2)

| | | | | | | |
|-------|---|---|-------|-------|------|-----------|
| Set A | x | 0 | 3 | 5 | 6 | $y=-4.5x$ |
| | y | 0 | -13.5 | -22.5 | -27 | |
| Set B | x | 0 | 4 | 5 | 9 | $y=7.5x$ |
| | y | 0 | 30 | 37.5 | 67.5 | |

2. 123. 16.54. 65. 36. 9

3)

| | | | | | | |
|-------|---|---|------|-----|-----|----------|
| Set A | x | 0 | 3 | 6 | 10 | $y=6.5x$ |
| | y | 0 | 19.5 | 39 | 65 | |
| Set B | x | 0 | 3 | 4 | 8 | $y=-10x$ |
| | y | 0 | -30 | -40 | -80 | |

4)

| | | | | | | |
|-------|---|---|----|------|----|----------|
| Set A | x | 0 | 2 | 9 | 10 | $y=2.5x$ |
| | y | 0 | 5 | 22.5 | 25 | |
| Set B | x | 0 | 2 | 3 | 10 | $y=8.5x$ |
| | y | 0 | 17 | 25.5 | 85 | |

5)

| | | | | | | |
|-------|---|---|----|----|----|--------|
| Set A | x | 0 | 2 | 7 | 10 | $y=3x$ |
| | y | 0 | 6 | 21 | 30 | |
| Set B | x | 0 | 4 | 5 | 10 | $y=6x$ |
| | y | 0 | 24 | 30 | 60 | |

6)

| | | | | | | |
|-------|---|---|-------|------|-----|-----------|
| Set A | x | 0 | 3 | 7 | 10 | $y=2.5x$ |
| | y | 0 | 7.5 | 17.5 | 25 | |
| Set B | x | 0 | 3 | 4 | 10 | $y=-6.5x$ |
| | y | 0 | -19.5 | -26 | -65 | |