



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

Answers

1)

| | | | | | |
|-------|---|---|-----|-----|-----|
| Set A | x | 0 | 2 | 3 | 10 |
| | y | 0 | 4 | 6 | 20 |
| Set B | x | 0 | 4 | 6 | 10 |
| | y | 0 | -38 | -57 | -95 |

1. _____

2. _____

3. _____

2)

| | | | | | |
|-------|---|---|----|----|----|
| Set A | x | 0 | 3 | 6 | 7 |
| | y | 0 | 9 | 18 | 21 |
| Set B | x | 0 | 2 | 6 | 7 |
| | y | 0 | 20 | 60 | 70 |

4. _____

5. _____

6. _____

3)

| | | | | | |
|-------|---|---|------|-----|-------|
| Set A | x | 0 | 3 | 4 | 5 |
| | y | 0 | -7.5 | -10 | -12.5 |
| Set B | x | 0 | 3 | 6 | 7 |
| | y | 0 | 28.5 | 57 | 66.5 |

4)

| | | | | | |
|-------|---|---|-----|-------|-------|
| Set A | x | 0 | 6 | 7 | 9 |
| | y | 0 | 12 | 14 | 18 |
| Set B | x | 0 | 2 | 5 | 7 |
| | y | 0 | -11 | -27.5 | -38.5 |

5)

| | | | | | |
|-------|---|---|------|----|------|
| Set A | x | 0 | 3 | 8 | 10 |
| | y | 0 | 16.5 | 44 | 55 |
| Set B | x | 0 | 3 | 6 | 7 |
| | y | 0 | 25.5 | 51 | 59.5 |

6)

| | | | | | |
|-------|---|---|-----|----|------|
| Set A | x | 0 | 3 | 4 | 7 |
| | y | 0 | 7.5 | 10 | 17.5 |
| Set B | x | 0 | 2 | 4 | 6 |
| | y | 0 | 21 | 42 | 63 |



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

Answers

1)

| | | | | | | |
|-------|---|---|-----|-----|-----|-----------|
| Set A | x | 0 | 2 | 3 | 10 | $y=2x$ |
| | y | 0 | 4 | 6 | 20 | |
| Set B | x | 0 | 4 | 6 | 10 | $y=-9.5x$ |
| | y | 0 | -38 | -57 | -95 | |

1. 11.5

2)

| | | | | | | |
|-------|---|---|----|----|----|---------|
| Set A | x | 0 | 3 | 6 | 7 | $y=3x$ |
| | y | 0 | 9 | 18 | 21 | |
| Set B | x | 0 | 2 | 6 | 7 | $y=10x$ |
| | y | 0 | 20 | 60 | 70 | |

2. 7

3. 12

4. 7.5

5. 3

6. 8

3)

| | | | | | | |
|-------|---|---|------|-----|-------|-----------|
| Set A | x | 0 | 3 | 4 | 5 | $y=-2.5x$ |
| | y | 0 | -7.5 | -10 | -12.5 | |
| Set B | x | 0 | 3 | 6 | 7 | $y=9.5x$ |
| | y | 0 | 28.5 | 57 | 66.5 | |

4)

| | | | | | | |
|-------|---|---|-----|-------|-------|-----------|
| Set A | x | 0 | 6 | 7 | 9 | $y=2x$ |
| | y | 0 | 12 | 14 | 18 | |
| Set B | x | 0 | 2 | 5 | 7 | $y=-5.5x$ |
| | y | 0 | -11 | -27.5 | -38.5 | |

5)

| | | | | | | |
|-------|---|---|------|----|------|----------|
| Set A | x | 0 | 3 | 8 | 10 | $y=5.5x$ |
| | y | 0 | 16.5 | 44 | 55 | |
| Set B | x | 0 | 3 | 6 | 7 | $y=8.5x$ |
| | y | 0 | 25.5 | 51 | 59.5 | |

6)

| | | | | | | |
|-------|---|---|-----|----|------|-----------|
| Set A | x | 0 | 3 | 4 | 7 | $y=2.5x$ |
| | y | 0 | 7.5 | 10 | 17.5 | |
| Set B | x | 0 | 2 | 4 | 6 | $y=10.5x$ |
| | y | 0 | 21 | 42 | 63 | |