



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

Answers

1)

| | | | | | |
|-------|---|---|------|------|----|
| Set A | x | 0 | 2 | 7 | 9 |
| | y | 0 | 6 | 21 | 27 |
| Set B | x | 0 | 5 | 9 | 10 |
| | y | 0 | 32.5 | 58.5 | 65 |

1. _____

2. _____

3. _____

2)

| | | | | | |
|-------|---|---|-------|-----|-----|
| Set A | x | 0 | 2 | 8 | 9 |
| | y | 0 | 4 | 16 | 18 |
| Set B | x | 0 | 3 | 4 | 8 |
| | y | 0 | -16.5 | -22 | -44 |

4. _____

5. _____

6. _____

3)

| | | | | | |
|-------|---|---|----|----|----|
| Set A | x | 0 | 5 | 6 | 10 |
| | y | 0 | 20 | 24 | 40 |
| Set B | x | 0 | 5 | 8 | 9 |
| | y | 0 | 40 | 64 | 72 |

4)

| | | | | | |
|-------|---|---|-----|------|-----|
| Set A | x | 0 | 2 | 7 | 8 |
| | y | 0 | 13 | 45.5 | 52 |
| Set B | x | 0 | 3 | 5 | 8 |
| | y | 0 | -27 | -45 | -72 |

5)

| | | | | | |
|-------|---|---|------|-----|------|
| Set A | x | 0 | 6 | 7 | 8 |
| | y | 0 | -36 | -42 | -48 |
| Set B | x | 0 | 5 | 6 | 9 |
| | y | 0 | 42.5 | 51 | 76.5 |

6)

| | | | | | |
|-------|---|---|------|----|----|
| Set A | x | 0 | 3 | 6 | 10 |
| | y | 0 | 10.5 | 21 | 35 |
| Set B | x | 0 | 3 | 6 | 8 |
| | y | 0 | 13.5 | 27 | 36 |



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

1)

| | | | | | | |
|-------|---|---|------|------|----|----------|
| Set A | x | 0 | 2 | 7 | 9 | $y=3x$ |
| | y | 0 | 6 | 21 | 27 | |
| Set B | x | 0 | 5 | 9 | 10 | $y=6.5x$ |
| | y | 0 | 32.5 | 58.5 | 65 | |

2)

| | | | | | | |
|-------|---|---|-------|-----|-----|-----------|
| Set A | x | 0 | 2 | 8 | 9 | $y=2x$ |
| | y | 0 | 4 | 16 | 18 | |
| Set B | x | 0 | 3 | 4 | 8 | $y=-5.5x$ |
| | y | 0 | -16.5 | -22 | -44 | |

3)

| | | | | | | |
|-------|---|---|----|----|----|--------|
| Set A | x | 0 | 5 | 6 | 10 | $y=4x$ |
| | y | 0 | 20 | 24 | 40 | |
| Set B | x | 0 | 5 | 8 | 9 | $y=8x$ |
| | y | 0 | 40 | 64 | 72 | |

4)

| | | | | | | |
|-------|---|---|-----|------|-----|----------|
| Set A | x | 0 | 2 | 7 | 8 | $y=6.5x$ |
| | y | 0 | 13 | 45.5 | 52 | |
| Set B | x | 0 | 3 | 5 | 8 | $y=-9x$ |
| | y | 0 | -27 | -45 | -72 | |

5)

| | | | | | | |
|-------|---|---|------|-----|------|----------|
| Set A | x | 0 | 6 | 7 | 8 | $y=-6x$ |
| | y | 0 | -36 | -42 | -48 | |
| Set B | x | 0 | 5 | 6 | 9 | $y=8.5x$ |
| | y | 0 | 42.5 | 51 | 76.5 | |

6)

| | | | | | | |
|-------|---|---|------|----|----|----------|
| Set A | x | 0 | 3 | 6 | 10 | $y=3.5x$ |
| | y | 0 | 10.5 | 21 | 35 | |
| Set B | x | 0 | 3 | 6 | 8 | $y=4.5x$ |
| | y | 0 | 13.5 | 27 | 36 | |

Answers

1. 3.5

2. 7.5

3. 4

4. 15.5

5. 14.5

6. 1