



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

Answers

1)

Set A	x	0	2	3	5
	y	0	-10	-15	-25
Set B	x	0	2	4	7
	y	0	-21	-42	-73.5

1. _____

2. _____

3. _____

2)

Set A	x	0	2	7	10
	y	0	-9	-31.5	-45
Set B	x	0	3	4	9
	y	0	16.5	22	49.5

4. _____

5. _____

6. _____

3)

Set A	x	0	5	6	10
	y	0	-10	-12	-20
Set B	x	0	4	5	9
	y	0	34	42.5	76.5

4)

Set A	x	0	4	5	7
	y	0	12	15	21
Set B	x	0	6	7	8
	y	0	54	63	72

5)

Set A	x	0	3	5	6
	y	0	7.5	12.5	15
Set B	x	0	3	5	9
	y	0	22.5	37.5	67.5

6)

Set A	x	0	7	8	10
	y	0	28	32	40
Set B	x	0	6	8	9
	y	0	39	52	58.5



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

Answers

1)

Set A	x	0	2	3	5
	y	0	-10	-15	-25

 $y = -5x$

Set B	x	0	2	4	7
	y	0	-21	-42	-73.5

 $y = -10.5x$ 1. **5.5**2. **10**3. **10.5**

2)

Set A	x	0	2	7	10
	y	0	-9	-31.5	-45

 $y = -4.5x$

Set B	x	0	3	4	9
	y	0	16.5	22	49.5

 $y = 5.5x$ 4. **6**5. **5**6. **2.5**

3)

Set A	x	0	5	6	10
	y	0	-10	-12	-20

 $y = -2x$

Set B	x	0	4	5	9
	y	0	34	42.5	76.5

 $y = 8.5x$

4)

Set A	x	0	4	5	7
	y	0	12	15	21

 $y = 3x$

Set B	x	0	6	7	8
	y	0	54	63	72

 $y = 9x$

5)

Set A	x	0	3	5	6
	y	0	7.5	12.5	15

 $y = 2.5x$

Set B	x	0	3	5	9
	y	0	22.5	37.5	67.5

 $y = 7.5x$

6)

Set A	x	0	7	8	10
	y	0	28	32	40

 $y = 4x$

Set B	x	0	6	8	9
	y	0	39	52	58.5

 $y = 6.5x$