



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

Answers

1)

Set A	x	0	4	5	10
	y	0	26	32.5	65
Set B	x	0	2	5	8
	y	0	14	35	56

1. _____

2. _____

3. _____

2)

Set A	x	0	5	8	10
	y	0	35	56	70
Set B	x	0	6	9	10
	y	0	60	90	100

4. _____

5. _____

6. _____

3)

Set A	x	0	2	6	9
	y	0	4	12	18
Set B	x	0	3	4	9
	y	0	25.5	34	76.5

4)

Set A	x	0	5	7	9
	y	0	10	14	18
Set B	x	0	3	4	10
	y	0	-12	-16	-40

5)

Set A	x	0	4	8	10
	y	0	16	32	40
Set B	x	0	5	7	9
	y	0	42.5	59.5	76.5

6)

Set A	x	0	4	7	9
	y	0	-10	-17.5	-22.5
Set B	x	0	2	3	7
	y	0	7	10.5	24.5



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

Answers

1)

Set A	x	0	4	5	10
	y	0	26	32.5	65
$y=6.5x$					
Set B	x	0	2	5	8
	y	0	14	35	56
$y=7x$					

1. **0.5**

2)

Set A	x	0	5	8	10
	y	0	35	56	70
$y=7x$					
Set B	x	0	6	9	10
	y	0	60	90	100
$y=10x$					

2. **3**3. **6.5**4. **6**5. **4.5**6. **6**

3)

Set A	x	0	2	6	9
	y	0	4	12	18
$y=2x$					
Set B	x	0	3	4	9
	y	0	25.5	34	76.5
$y=8.5x$					

4)

Set A	x	0	5	7	9
	y	0	10	14	18
$y=2x$					
Set B	x	0	3	4	10
	y	0	-12	-16	-40
$y=-4x$					

5)

Set A	x	0	4	8	10
	y	0	16	32	40
$y=4x$					
Set B	x	0	5	7	9
	y	0	42.5	59.5	76.5
$y=8.5x$					

6)

Set A	x	0	4	7	9
	y	0	-10	-17.5	-22.5
$y=-2.5x$					
Set B	x	0	2	3	7
	y	0	7	10.5	24.5
$y=3.5x$					