



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

Answers

1)

Set A	x	0	3	4	9
	y	0	27	36	81
Set B	x	0	5	7	10
	y	0	52.5	73.5	105

1. _____

2. _____

3. _____

2)

Set A	x	0	3	7	10
	y	0	-16.5	-38.5	-55
Set B	x	0	5	6	7
	y	0	47.5	57	66.5

4. _____

5. _____

6. _____

3)

Set A	x	0	2	5	10
	y	0	5	12.5	25
Set B	x	0	5	6	7
	y	0	25	30	35

4)

Set A	x	0	2	4	5
	y	0	8	16	20
Set B	x	0	2	4	6
	y	0	17	34	51

5)

Set A	x	0	6	8	10
	y	0	57	76	95
Set B	x	0	5	6	8
	y	0	-50	-60	-80

6)

Set A	x	0	2	4	5
	y	0	4	8	10
Set B	x	0	8	9	10
	y	0	24	27	30



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

Answers

1)

Set A	x	0	3	4	9
	y	0	27	36	81
$y=9x$					
Set B	x	0	5	7	10
	y	0	52.5	73.5	105
$y=10.5x$					

1. **1.5**

2)

Set A	x	0	3	7	10
	y	0	-16.5	-38.5	-55
$y=-5.5x$					
Set B	x	0	5	6	7
	y	0	47.5	57	66.5
$y=9.5x$					

2. **15**3. **2.5**4. **4.5**5. **19.5**6. **1**

3)

Set A	x	0	2	5	10
	y	0	5	12.5	25
$y=2.5x$					
Set B	x	0	5	6	7
	y	0	25	30	35
$y=5x$					

4)

Set A	x	0	2	4	5
	y	0	8	16	20
$y=4x$					
Set B	x	0	2	4	6
	y	0	17	34	51
$y=8.5x$					

5)

Set A	x	0	6	8	10
	y	0	57	76	95
$y=9.5x$					
Set B	x	0	5	6	8
	y	0	-50	-60	-80
$y=-10x$					

6)

Set A	x	0	2	4	5
	y	0	4	8	10
$y=2x$					
Set B	x	0	8	9	10
	y	0	24	27	30
$y=3x$					