



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

Answers

1)

Set A	x	0	6	8	10
	y	0	33	44	55
Set B	x	0	2	4	10
	y	0	12	24	60

2)

Set A	x	0	2	5	6
	y	0	6	15	18
Set B	x	0	2	4	7
	y	0	-17	-34	-59.5

3)

Set A	x	0	5	8	10
	y	0	-10	-16	-20
Set B	x	0	4	6	9
	y	0	26	39	58.5

4)

Set A	x	0	2	7	10
	y	0	5	17.5	25
Set B	x	0	2	6	7
	y	0	14	42	49

5)

Set A	x	0	2	7	9
	y	0	14	49	63
Set B	x	0	2	4	9
	y	0	18	36	81

6)

Set A	x	0	2	4	5
	y	0	4	8	10
Set B	x	0	6	7	8
	y	0	-24	-28	-32

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____



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

Answers

1)

Set A	x	0	6	8	10
	y	0	33	44	55
$y=5.5x$					
Set B	x	0	2	4	10
	y	0	12	24	60
$y=6x$					

2)

Set A	x	0	2	5	6
	y	0	6	15	18
$y=3x$					
Set B	x	0	2	4	7
	y	0	-17	-34	-59.5
$y=-8.5x$					

3)

Set A	x	0	5	8	10
	y	0	-10	-16	-20
$y=-2x$					
Set B	x	0	4	6	9
	y	0	26	39	58.5
$y=6.5x$					

4)

Set A	x	0	2	7	10
	y	0	5	17.5	25
$y=2.5x$					
Set B	x	0	2	6	7
	y	0	14	42	49
$y=7x$					

5)

Set A	x	0	2	7	9
	y	0	14	49	63
$y=7x$					
Set B	x	0	2	4	9
	y	0	18	36	81
$y=9x$					

6)

Set A	x	0	2	4	5
	y	0	4	8	10
$y=2x$					
Set B	x	0	6	7	8
	y	0	-24	-28	-32
$y=-4x$					

1. **0.5**
2. **11.5**
3. **8.5**
4. **4.5**
5. **2**
6. **6**