



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

Answers

1)

Set A	x	0	2	8	9
	y	0	10	40	45
Set B	x	0	2	3	6
	y	0	-17	-25.5	-51

2)

Set A	x	0	5	6	9
	y	0	20	24	36
Set B	x	0	2	3	7
	y	0	15	22.5	52.5

3)

Set A	x	0	4	8	10
	y	0	-30	-60	-75
Set B	x	0	7	9	10
	y	0	73.5	94.5	105

4)

Set A	x	0	3	5	9
	y	0	6	10	18
Set B	x	0	4	6	7
	y	0	14	21	24.5

5)

Set A	x	0	4	7	8
	y	0	30	52.5	60
Set B	x	0	2	8	10
	y	0	16	64	80

6)

Set A	x	0	4	5	8
	y	0	-32	-40	-64
Set B	x	0	5	7	8
	y	0	-52.5	-73.5	-84

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	2	8	9
	y	0	10	40	45
$y=5x$					
Set B	x	0	2	3	6
	y	0	-17	-25.5	-51
$y=-8.5x$					

2)

Set A	x	0	5	6	9
	y	0	20	24	36
$y=4x$					
Set B	x	0	2	3	7
	y	0	15	22.5	52.5
$y=7.5x$					

3)

Set A	x	0	4	8	10
	y	0	-30	-60	-75
$y=-7.5x$					
Set B	x	0	7	9	10
	y	0	73.5	94.5	105
$y=10.5x$					

4)

Set A	x	0	3	5	9
	y	0	6	10	18
$y=2x$					
Set B	x	0	4	6	7
	y	0	14	21	24.5
$y=3.5x$					

5)

Set A	x	0	4	7	8
	y	0	30	52.5	60
$y=7.5x$					
Set B	x	0	2	8	10
	y	0	16	64	80
$y=8x$					

6)

Set A	x	0	4	5	8
	y	0	-32	-40	-64
$y=-8x$					
Set B	x	0	5	7	8
	y	0	-52.5	-73.5	-84
$y=-10.5x$					

1. **13.5**
2. **3.5**
3. **18**
4. **1.5**
5. **0.5**
6. **2.5**