



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

Answers

1)

Set A	x	0	2	6	8
	y	0	14	42	56
Set B	x	0	2	4	7
	y	0	21	42	73.5

1. _____

2. _____

3. _____

2)

Set A	x	0	3	5	6
	y	0	-13.5	-22.5	-27
Set B	x	0	4	5	9
	y	0	30	37.5	67.5

4. _____

5. _____

6. _____

3)

Set A	x	0	3	6	10
	y	0	19.5	39	65
Set B	x	0	3	4	8
	y	0	-30	-40	-80

4)

Set A	x	0	2	9	10
	y	0	5	22.5	25
Set B	x	0	2	3	10
	y	0	17	25.5	85

5)

Set A	x	0	2	7	10
	y	0	6	21	30
Set B	x	0	4	5	10
	y	0	24	30	60

6)

Set A	x	0	3	7	10
	y	0	7.5	17.5	25
Set B	x	0	3	4	10
	y	0	-19.5	-26	-65



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

Answers

1)

Set A	x	0	2	6	8
	y	0	14	42	56
$y=7x$					
Set B	x	0	2	4	7
	y	0	21	42	73.5
$y=10.5x$					

1. **3.5**2. **12**3. **16.5**

2)

Set A	x	0	3	5	6
	y	0	-13.5	-22.5	-27
$y=-4.5x$					
Set B	x	0	4	5	9
	y	0	30	37.5	67.5
$y=7.5x$					

4. **6**5. **3**6. **9**

3)

Set A	x	0	3	6	10
	y	0	19.5	39	65
$y=6.5x$					
Set B	x	0	3	4	8
	y	0	-30	-40	-80
$y=-10x$					

4)

Set A	x	0	2	9	10
	y	0	5	22.5	25
$y=2.5x$					
Set B	x	0	2	3	10
	y	0	17	25.5	85
$y=8.5x$					

5)

Set A	x	0	2	7	10
	y	0	6	21	30
$y=3x$					
Set B	x	0	4	5	10
	y	0	24	30	60
$y=6x$					

6)

Set A	x	0	3	7	10
	y	0	7.5	17.5	25
$y=2.5x$					
Set B	x	0	3	4	10
	y	0	-19.5	-26	-65
$y=-6.5x$					