



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

Answers

1)

Set A	x	0	6	7	8
	y	0	18	21	24
Set B	x	0	2	3	9
	y	0	12	18	54

1. _____

2)

Set A	x	0	4	6	9
	y	0	14	21	31.5
Set B	x	0	2	5	9
	y	0	11	27.5	49.5

2. _____

3. _____

4. _____

5. _____

6. _____

3)

Set A	x	0	3	7	8
	y	0	-7.5	-17.5	-20
Set B	x	0	3	8	9
	y	0	16.5	44	49.5

4)

Set A	x	0	7	8	9
	y	0	38.5	44	49.5
Set B	x	0	3	5	6
	y	0	22.5	37.5	45

5)

Set A	x	0	3	7	8
	y	0	10.5	24.5	28
Set B	x	0	3	4	10
	y	0	-30	-40	-100

6)

Set A	x	0	2	6	7
	y	0	-6	-18	-21
Set B	x	0	2	3	6
	y	0	13	19.5	39



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

Answers

1)

Set A	x	0	6	7	8	$y=3x$
	y	0	18	21	24	
Set B	x	0	2	3	9	$y=6x$
	y	0	12	18	54	

1. 3

2)

Set A	x	0	4	6	9	$y=3.5x$
	y	0	14	21	31.5	
Set B	x	0	2	5	9	$y=5.5x$
	y	0	11	27.5	49.5	

2. 2

3. 8

4. 2

5. 13.5

6. 9.5

3)

Set A	x	0	3	7	8	$y=-2.5x$
	y	0	-7.5	-17.5	-20	
Set B	x	0	3	8	9	$y=5.5x$
	y	0	16.5	44	49.5	

4)

Set A	x	0	7	8	9	$y=5.5x$
	y	0	38.5	44	49.5	
Set B	x	0	3	5	6	$y=7.5x$
	y	0	22.5	37.5	45	

5)

Set A	x	0	3	7	8	$y=3.5x$
	y	0	10.5	24.5	28	
Set B	x	0	3	4	10	$y=-10x$
	y	0	-30	-40	-100	

6)

Set A	x	0	2	6	7	$y=-3x$
	y	0	-6	-18	-21	
Set B	x	0	2	3	6	$y=6.5x$
	y	0	13	19.5	39	