



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

Answers

1)

Set A	x	0	2	4	7
	y	0	15	30	52.5
Set B	x	0	2	8	10
	y	0	18	72	90

1. _____

2)

Set A	x	0	2	5	6
	y	0	-6	-15	-18
Set B	x	0	4	6	9
	y	0	-20	-30	-45

2. _____

3. _____

4. _____

5. _____

6. _____

3)

Set A	x	0	4	6	8
	y	0	34	51	68
Set B	x	0	5	8	9
	y	0	47.5	76	85.5

4)

Set A	x	0	2	6	7
	y	0	13	39	45.5
Set B	x	0	6	7	10
	y	0	51	59.5	85

5)

Set A	x	0	5	6	10
	y	0	27.5	33	55
Set B	x	0	5	7	8
	y	0	-50	-70	-80

6)

Set A	x	0	3	5	6
	y	0	-13.5	-22.5	-27
Set B	x	0	3	8	10
	y	0	-22.5	-60	-75



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

Answers

1)

Set A	x	0	2	4	7	$y=7.5x$
	y	0	15	30	52.5	
Set B	x	0	2	8	10	$y=9x$
	y	0	18	72	90	

1. 1.5

2)

Set A	x	0	2	5	6	$y=-3x$
	y	0	-6	-15	-18	
Set B	x	0	4	6	9	$y=-5x$
	y	0	-20	-30	-45	

2. 2

3. 1

4. 2

5. 15.5

6. 3

3)

Set A	x	0	4	6	8	$y=8.5x$
	y	0	34	51	68	
Set B	x	0	5	8	9	$y=9.5x$
	y	0	47.5	76	85.5	

4)

Set A	x	0	2	6	7	$y=6.5x$
	y	0	13	39	45.5	
Set B	x	0	6	7	10	$y=8.5x$
	y	0	51	59.5	85	

5)

Set A	x	0	5	6	10	$y=5.5x$
	y	0	27.5	33	55	
Set B	x	0	5	7	8	$y=-10x$
	y	0	-50	-70	-80	

6)

Set A	x	0	3	5	6	$y=-4.5x$
	y	0	-13.5	-22.5	-27	
Set B	x	0	3	8	10	$y=-7.5x$
	y	0	-22.5	-60	-75	