



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

Answers

1)

Set A	x	0	2	3	7
	y	0	12	18	42
Set B	x	0	2	6	10
	y	0	20	60	100

1. \_\_\_\_\_

2)

Set A	x	0	2	4	8
	y	0	-7	-14	-28
Set B	x	0	3	7	8
	y	0	-22.5	-52.5	-60

2. \_\_\_\_\_

3. \_\_\_\_\_

3)

Set A	x	0	3	7	8
	y	0	9	21	24
Set B	x	0	2	3	4
	y	0	20	30	40

4. \_\_\_\_\_

5. \_\_\_\_\_

4)

Set A	x	0	7	9	10
	y	0	-21	-27	-30
Set B	x	0	8	9	10
	y	0	64	72	80

6. \_\_\_\_\_

5)

Set A	x	0	2	3	4
	y	0	6	9	12
Set B	x	0	7	8	9
	y	0	-52.5	-60	-67.5

6)

Set A	x	0	3	6	8
	y	0	15	30	40
Set B	x	0	2	3	7
	y	0	19	28.5	66.5



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

Answers

1)

Set A	x	0	2	3	7	$y=6x$
	y	0	12	18	42	
Set B	x	0	2	6	10	$y=10x$
	y	0	20	60	100	

1. 4

2)

Set A	x	0	2	4	8	$y=-3.5x$
	y	0	-7	-14	-28	
Set B	x	0	3	7	8	$y=-7.5x$
	y	0	-22.5	-52.5	-60	

2. 4

3. 7

4. 11

5. 10.5

6. 4.5

3)

Set A	x	0	3	7	8	$y=3x$
	y	0	9	21	24	
Set B	x	0	2	3	4	$y=10x$
	y	0	20	30	40	

4)

Set A	x	0	7	9	10	$y=-3x$
	y	0	-21	-27	-30	
Set B	x	0	8	9	10	$y=8x$
	y	0	64	72	80	

5)

Set A	x	0	2	3	4	$y=3x$
	y	0	6	9	12	
Set B	x	0	7	8	9	$y=-7.5x$
	y	0	-52.5	-60	-67.5	

6)

Set A	x	0	3	6	8	$y=5x$
	y	0	15	30	40	
Set B	x	0	2	3	7	$y=9.5x$
	y	0	19	28.5	66.5	