



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

Answers

1)

Set A	x	0	3	4	10
	y	0	10.5	14	35
Set B	x	0	4	6	7
	y	0	36	54	63

1. _____

2)

Set A	x	0	2	6	9
	y	0	8	24	36
Set B	x	0	3	5	6
	y	0	15	25	30

2. _____

3. _____

3)

Set A	x	0	4	7	8
	y	0	20	35	40
Set B	x	0	5	7	10
	y	0	40	56	80

4. _____

5. _____

4)

Set A	x	0	3	8	9
	y	0	6	16	18
Set B	x	0	2	3	5
	y	0	21	31.5	52.5

6. _____

5)

Set A	x	0	4	6	7
	y	0	-20	-30	-35
Set B	x	0	3	4	9
	y	0	18	24	54

6)

Set A	x	0	3	8	10
	y	0	16.5	44	55
Set B	x	0	2	7	9
	y	0	18	63	81



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

Answers

1)

Set A	x	0	3	4	10	$y=3.5x$
	y	0	10.5	14	35	
Set B	x	0	4	6	7	$y=9x$
	y	0	36	54	63	

1. 5.5

2)

Set A	x	0	2	6	9	$y=4x$
	y	0	8	24	36	
Set B	x	0	3	5	6	$y=5x$
	y	0	15	25	30	

2. 1

3. 3

4. 8.5

5. 11

6. 3.5

3)

Set A	x	0	4	7	8	$y=5x$
	y	0	20	35	40	
Set B	x	0	5	7	10	$y=8x$
	y	0	40	56	80	

4)

Set A	x	0	3	8	9	$y=2x$
	y	0	6	16	18	
Set B	x	0	2	3	5	$y=10.5x$
	y	0	21	31.5	52.5	

5)

Set A	x	0	4	6	7	$y=-5x$
	y	0	-20	-30	-35	
Set B	x	0	3	4	9	$y=6x$
	y	0	18	24	54	

6)

Set A	x	0	3	8	10	$y=5.5x$
	y	0	16.5	44	55	
Set B	x	0	2	7	9	$y=9x$
	y	0	18	63	81	