



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)

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

2. _____

3. _____

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. _____

5. _____

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

6. _____

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

1. 3.5

2)

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

2. 123. 16.5

3)

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

4. 65. 36. 9

4)

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

5)

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

6)

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