



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

Answers

1)

Set A	x	0	6	7	9
	y	0	-18	-21	-27
Set B	x	0	2	4	9
	y	0	18	36	81

1. _____

2. _____

3. _____

2)

Set A	x	0	2	6	10
	y	0	5	15	25
Set B	x	0	3	4	7
	y	0	19.5	26	45.5

4. _____

5. _____

6. _____

3)

Set A	x	0	4	5	6
	y	0	18	22.5	27
Set B	x	0	2	5	9
	y	0	18	45	81

4)

Set A	x	0	4	5	8
	y	0	20	25	40
Set B	x	0	2	3	4
	y	0	13	19.5	26

5)

Set A	x	0	2	3	8
	y	0	15	22.5	60
Set B	x	0	4	7	9
	y	0	36	63	81

6)

Set A	x	0	2	3	9
	y	0	13	19.5	58.5
Set B	x	0	5	7	9
	y	0	50	70	90



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

Answers

1)

Set A	x	0	6	7	9
	y	0	-18	-21	-27
$y = -3x$					
Set B	x	0	2	4	9
	y	0	18	36	81
$y = 9x$					

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2)

Set A	x	0	2	6	10
	y	0	5	15	25
$y = 2.5x$					
Set B	x	0	3	4	7
	y	0	19.5	26	45.5
$y = 6.5x$					

2. **4**3. **4.5**4. **1.5**5. **1.5**6. **3.5**

3)

Set A	x	0	4	5	6
	y	0	18	22.5	27
$y = 4.5x$					
Set B	x	0	2	5	9
	y	0	18	45	81
$y = 9x$					

4)

Set A	x	0	4	5	8
	y	0	20	25	40
$y = 5x$					
Set B	x	0	2	3	4
	y	0	13	19.5	26
$y = 6.5x$					

5)

Set A	x	0	2	3	8
	y	0	15	22.5	60
$y = 7.5x$					
Set B	x	0	4	7	9
	y	0	36	63	81
$y = 9x$					

6)

Set A	x	0	2	3	9
	y	0	13	19.5	58.5
$y = 6.5x$					
Set B	x	0	5	7	9
	y	0	50	70	90
$y = 10x$					