



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

Answers

1)

Set A	x	0	2	4	8
	y	0	14	28	56
Set B	x	0	2	5	10
	y	0	21	52.5	105

1. _____

2. _____

3. _____

2)

Set A	x	0	2	3	9
	y	0	6	9	27
Set B	x	0	2	5	9
	y	0	8	20	36

4. _____

5. _____

6. _____

3)

Set A	x	0	3	4	7
	y	0	9	12	21
Set B	x	0	3	5	6
	y	0	21	35	42

4)

Set A	x	0	6	8	9
	y	0	36	48	54
Set B	x	0	6	7	8
	y	0	42	49	56

5)

Set A	x	0	6	7	10
	y	0	24	28	40
Set B	x	0	5	7	8
	y	0	35	49	56

6)

Set A	x	0	2	4	9
	y	0	-8	-16	-36
Set B	x	0	5	7	10
	y	0	-45	-63	-90



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

Answers

1)

Set A	x	0	2	4	8
	y	0	14	28	56

$y=7x$

Set B	x	0	2	5	10
	y	0	21	52.5	105

$y=10.5x$

1. 3.5

2)

Set A	x	0	2	3	9
	y	0	6	9	27

$y=3x$

Set B	x	0	2	5	9
	y	0	8	20	36

$y=4x$

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3)

Set A	x	0	3	4	7
	y	0	9	12	21

$y=3x$

Set B	x	0	3	5	6
	y	0	21	35	42

$y=7x$

4)

Set A	x	0	6	8	9
	y	0	36	48	54

$y=6x$

Set B	x	0	6	7	8
	y	0	42	49	56

$y=7x$

5)

Set A	x	0	6	7	10
	y	0	24	28	40

$y=4x$

Set B	x	0	5	7	8
	y	0	35	49	56

$y=7x$

6)

Set A	x	0	2	4	9
	y	0	-8	-16	-36

$y=-4x$

Set B	x	0	5	7	10
	y	0	-45	-63	-90

$y=-9x$