



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

Answers

1)

Set A	x	0	2	8	10
	y	0	13	52	65
Set B	x	0	3	8	9
	y	0	25.5	68	76.5

1. _____

2. _____

3. _____

2)

Set A	x	0	3	5	10
	y	0	-19.5	-32.5	-65
Set B	x	0	2	5	6
	y	0	16	40	48

4. _____

5. _____

6. _____

3)

Set A	x	0	7	9	10
	y	0	14	18	20
Set B	x	0	2	5	8
	y	0	10	25	40

4)

Set A	x	0	2	6	7
	y	0	17	51	59.5
Set B	x	0	4	6	9
	y	0	42	63	94.5

5)

Set A	x	0	3	5	10
	y	0	6	10	20
Set B	x	0	4	7	10
	y	0	-34	-59.5	-85

6)

Set A	x	0	5	6	10
	y	0	47.5	57	95
Set B	x	0	3	7	10
	y	0	31.5	73.5	105



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

Answers

1)

Set A	x	0	2	8	10
	y	0	13	52	65

$y=6.5x$

Set B	x	0	3	8	9
	y	0	25.5	68	76.5

$y=8.5x$

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2)

Set A	x	0	3	5	10
	y	0	-19.5	-32.5	-65

$y=-6.5x$

Set B	x	0	2	5	6
	y	0	16	40	48

$y=8x$

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3)

Set A	x	0	7	9	10
	y	0	14	18	20

$y=2x$

Set B	x	0	2	5	8
	y	0	10	25	40

$y=5x$

4)

Set A	x	0	2	6	7
	y	0	17	51	59.5

$y=8.5x$

Set B	x	0	4	6	9
	y	0	42	63	94.5

$y=10.5x$

5)

Set A	x	0	3	5	10
	y	0	6	10	20

$y=2x$

Set B	x	0	4	7	10
	y	0	-34	-59.5	-85

$y=-8.5x$

6)

Set A	x	0	5	6	10
	y	0	47.5	57	95

$y=9.5x$

Set B	x	0	3	7	10
	y	0	31.5	73.5	105

$y=10.5x$