



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

Answers

1)

Set A	x	0	5	6	7
	y	0	25	30	35
Set B	x	0	5	8	9
	y	0	52.5	84	94.5

2)

Set A	x	0	4	8	9
	y	0	22	44	49.5
Set B	x	0	2	8	9
	y	0	13	52	58.5

3)

Set A	x	0	7	9	10
	y	0	-14	-18	-20
Set B	x	0	4	7	8
	y	0	16	28	32

4)

Set A	x	0	5	6	8
	y	0	27.5	33	44
Set B	x	0	2	6	8
	y	0	-18	-54	-72

5)

Set A	x	0	7	8	10
	y	0	66.5	76	95
Set B	x	0	3	5	10
	y	0	30	50	100

6)

Set A	x	0	2	3	6
	y	0	12	18	36
Set B	x	0	4	5	9
	y	0	40	50	90

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____



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Answers

1)

Set A	x	0	5	6	7
	y	0	25	30	35
Set B	x	0	5	8	9
	y	0	52.5	84	94.5

$y=5x$
 $y=10.5x$

1. **5.5**2. **1**3. **6**4. **14.5**5. **0.5**6. **4**

2)

Set A	x	0	4	8	9
	y	0	22	44	49.5
Set B	x	0	2	8	9
	y	0	13	52	58.5

$y=5.5x$
 $y=6.5x$

3)

Set A	x	0	7	9	10
	y	0	-14	-18	-20
Set B	x	0	4	7	8
	y	0	16	28	32

$y=-2x$
 $y=4x$

4)

Set A	x	0	5	6	8
	y	0	27.5	33	44
Set B	x	0	2	6	8
	y	0	-18	-54	-72

$y=5.5x$
 $y=-9x$

5)

Set A	x	0	7	8	10
	y	0	66.5	76	95
Set B	x	0	3	5	10
	y	0	30	50	100

$y=9.5x$
 $y=10x$

6)

Set A	x	0	2	3	6
	y	0	12	18	36
Set B	x	0	4	5	9
	y	0	40	50	90

$y=6x$
 $y=10x$