



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

Answers

1)

Set A	x	0	3	4	5
	y	0	-25.5	-34	-42.5
Set B	x	0	4	6	8
	y	0	42	63	84

2)

Set A	x	0	4	5	7
	y	0	-24	-30	-42
Set B	x	0	2	3	7
	y	0	-15	-22.5	-52.5

3)

Set A	x	0	5	6	8
	y	0	22.5	27	36
Set B	x	0	4	5	7
	y	0	28	35	49

4)

Set A	x	0	2	6	9
	y	0	12	36	54
Set B	x	0	4	5	6
	y	0	42	52.5	63

5)

Set A	x	0	2	6	8
	y	0	11	33	44
Set B	x	0	3	5	6
	y	0	30	50	60

6)

Set A	x	0	5	7	10
	y	0	25	35	50
Set B	x	0	3	6	8
	y	0	-19.5	-39	-52

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____



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Answers

1)

Set A	x	0	3	4	5
	y	0	-25.5	-34	-42.5
Set B	x	0	4	6	8
	y	0	42	63	84

$y = -8.5x$
 $y = 10.5x$

2)

Set A	x	0	4	5	7
	y	0	-24	-30	-42
Set B	x	0	2	3	7
	y	0	-15	-22.5	-52.5

$y = -6x$
 $y = -7.5x$

3)

Set A	x	0	5	6	8
	y	0	22.5	27	36
Set B	x	0	4	5	7
	y	0	28	35	49

$y = 4.5x$
 $y = 7x$

4)

Set A	x	0	2	6	9
	y	0	12	36	54
Set B	x	0	4	5	6
	y	0	42	52.5	63

$y = 6x$
 $y = 10.5x$

5)

Set A	x	0	2	6	8
	y	0	11	33	44
Set B	x	0	3	5	6
	y	0	30	50	60

$y = 5.5x$
 $y = 10x$

6)

Set A	x	0	5	7	10
	y	0	25	35	50
Set B	x	0	3	6	8
	y	0	-19.5	-39	-52

$y = 5x$
 $y = -6.5x$

1. **19**
2. **1.5**
3. **2.5**
4. **4.5**
5. **4.5**
6. **11.5**