



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

Answers

1)

Set A	x	0	3	4	7
	y	0	9	12	21
Set B	x	0	2	5	8
	y	0	14	35	56

1. _____

2. _____

3. _____

2)

Set A	x	0	5	7	10
	y	0	25	35	50
Set B	x	0	4	7	8
	y	0	36	63	72

4. _____

5. _____

6. _____

3)

Set A	x	0	2	7	8
	y	0	10	35	40
Set B	x	0	5	7	10
	y	0	35	49	70

4)

Set A	x	0	3	9	10
	y	0	-19.5	-58.5	-65
Set B	x	0	3	6	8
	y	0	-27	-54	-72

5)

Set A	x	0	4	8	9
	y	0	-16	-32	-36
Set B	x	0	2	7	8
	y	0	20	70	80

6)

Set A	x	0	4	5	8
	y	0	8	10	16
Set B	x	0	6	7	8
	y	0	60	70	80



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

1)

Set A	x	0	3	4	7	$y=3x$
	y	0	9	12	21	
Set B	x	0	2	5	8	$y=7x$
	y	0	14	35	56	

2)

Set A	x	0	5	7	10	$y=5x$
	y	0	25	35	50	
Set B	x	0	4	7	8	$y=9x$
	y	0	36	63	72	

3)

Set A	x	0	2	7	8	$y=5x$
	y	0	10	35	40	
Set B	x	0	5	7	10	$y=7x$
	y	0	35	49	70	

4)

Set A	x	0	3	9	10	$y=-6.5x$
	y	0	-19.5	-58.5	-65	
Set B	x	0	3	6	8	$y=-9x$
	y	0	-27	-54	-72	

5)

Set A	x	0	4	8	9	$y=-4x$
	y	0	-16	-32	-36	
Set B	x	0	2	7	8	$y=10x$
	y	0	20	70	80	

6)

Set A	x	0	4	5	8	$y=2x$
	y	0	8	10	16	
Set B	x	0	6	7	8	$y=10x$
	y	0	60	70	80	

Answers

1. 4
2. 4
3. 2
4. 2.5
5. 14
6. 8



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

Answers

1)

Set A	x	0	4	5	9
	y	0	22	27.5	49.5
Set B	x	0	3	4	7
	y	0	-25.5	-34	-59.5

1. _____

2. _____

3. _____

2)

Set A	x	0	5	6	10
	y	0	-27.5	-33	-55
Set B	x	0	2	4	5
	y	0	14	28	35

4. _____

5. _____

6. _____

3)

Set A	x	0	2	6	9
	y	0	8	24	36
Set B	x	0	4	7	8
	y	0	-32	-56	-64

4)

Set A	x	0	3	5	10
	y	0	13.5	22.5	45
Set B	x	0	3	5	9
	y	0	-22.5	-37.5	-67.5

5)

Set A	x	0	5	6	7
	y	0	10	12	14
Set B	x	0	5	6	8
	y	0	20	24	32

6)

Set A	x	0	6	9	10
	y	0	15	22.5	25
Set B	x	0	4	6	9
	y	0	-42	-63	-94.5



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

1)

Set A	x	0	4	5	9	$y=5.5x$
	y	0	22	27.5	49.5	
Set B	x	0	3	4	7	$y=-8.5x$
	y	0	-25.5	-34	-59.5	

2)

Set A	x	0	5	6	10	$y=-5.5x$
	y	0	-27.5	-33	-55	
Set B	x	0	2	4	5	$y=7x$
	y	0	14	28	35	

3)

Set A	x	0	2	6	9	$y=4x$
	y	0	8	24	36	
Set B	x	0	4	7	8	$y=-8x$
	y	0	-32	-56	-64	

4)

Set A	x	0	3	5	10	$y=4.5x$
	y	0	13.5	22.5	45	
Set B	x	0	3	5	9	$y=-7.5x$
	y	0	-22.5	-37.5	-67.5	

5)

Set A	x	0	5	6	7	$y=2x$
	y	0	10	12	14	
Set B	x	0	5	6	8	$y=4x$
	y	0	20	24	32	

6)

Set A	x	0	6	9	10	$y=2.5x$
	y	0	15	22.5	25	
Set B	x	0	4	6	9	$y=-10.5x$
	y	0	-42	-63	-94.5	

Answers

1. 14

2. 12.5

3. 12

4. 12

5. 2

6. 13



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

Answers

1)

Set A	x	0	2	8	10
	y	0	5	20	25
Set B	x	0	6	7	10
	y	0	42	49	70

1. _____

2. _____

3. _____

2)

Set A	x	0	2	6	8
	y	0	-9	-27	-36
Set B	x	0	5	6	10
	y	0	47.5	57	95

4. _____

5. _____

6. _____

3)

Set A	x	0	7	8	9
	y	0	14	16	18
Set B	x	0	2	4	6
	y	0	9	18	27

4)

Set A	x	0	3	5	8
	y	0	-10.5	-17.5	-28
Set B	x	0	8	9	10
	y	0	72	81	90

5)

Set A	x	0	2	3	10
	y	0	-4	-6	-20
Set B	x	0	2	4	7
	y	0	21	42	73.5

6)

Set A	x	0	5	8	9
	y	0	-15	-24	-27
Set B	x	0	4	6	7
	y	0	34	51	59.5



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

1)

Set A	x	0	2	8	10
	y	0	5	20	25

 $y=2.5x$

Set B	x	0	6	7	10
	y	0	42	49	70

 $y=7x$

2)

Set A	x	0	2	6	8
	y	0	-9	-27	-36

 $y=-4.5x$

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

 $y=9.5x$

3)

Set A	x	0	7	8	9
	y	0	14	16	18

 $y=2x$

Set B	x	0	2	4	6
	y	0	9	18	27

 $y=4.5x$

4)

Set A	x	0	3	5	8
	y	0	-10.5	-17.5	-28

 $y=-3.5x$

Set B	x	0	8	9	10
	y	0	72	81	90

 $y=9x$

5)

Set A	x	0	2	3	10
	y	0	-4	-6	-20

 $y=-2x$

Set B	x	0	2	4	7
	y	0	21	42	73.5

 $y=10.5x$

6)

Set A	x	0	5	8	9
	y	0	-15	-24	-27

 $y=-3x$

Set B	x	0	4	6	7
	y	0	34	51	59.5

 $y=8.5x$

Answers

1. 4.5
2. 14
3. 2.5
4. 12.5
5. 12.5
6. 11.5



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

Answers

1)

Set A	x	0	4	8	9
	y	0	26	52	58.5
Set B	x	0	3	8	10
	y	0	31.5	84	105

1. _____

2. _____

3. _____

2)

Set A	x	0	8	9	10
	y	0	-44	-49.5	-55
Set B	x	0	4	7	10
	y	0	36	63	90

4. _____

5. _____

6. _____

3)

Set A	x	0	3	8	10
	y	0	-9	-24	-30
Set B	x	0	2	3	4
	y	0	16	24	32

4)

Set A	x	0	2	4	6
	y	0	4	8	12
Set B	x	0	3	6	8
	y	0	12	24	32

5)

Set A	x	0	3	4	9
	y	0	9	12	27
Set B	x	0	4	7	8
	y	0	38	66.5	76

6)

Set A	x	0	4	7	10
	y	0	14	24.5	35
Set B	x	0	3	5	9
	y	0	13.5	22.5	40.5



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

1)

Set A	x	0	4	8	9
	y	0	26	52	58.5

$y=6.5x$

Set B	x	0	3	8	10
	y	0	31.5	84	105

$y=10.5x$

2)

Set A	x	0	8	9	10
	y	0	-44	-49.5	-55

$y=-5.5x$

Set B	x	0	4	7	10
	y	0	36	63	90

$y=9x$

3)

Set A	x	0	3	8	10
	y	0	-9	-24	-30

$y=-3x$

Set B	x	0	2	3	4
	y	0	16	24	32

$y=8x$

4)

Set A	x	0	2	4	6
	y	0	4	8	12

$y=2x$

Set B	x	0	3	6	8
	y	0	12	24	32

$y=4x$

5)

Set A	x	0	3	4	9
	y	0	9	12	27

$y=3x$

Set B	x	0	4	7	8
	y	0	38	66.5	76

$y=9.5x$

6)

Set A	x	0	4	7	10
	y	0	14	24.5	35

$y=3.5x$

Set B	x	0	3	5	9
	y	0	13.5	22.5	40.5

$y=4.5x$

Answers

1. 4
2. 14.5
3. 11
4. 2
5. 6.5
6. 1



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

Answers

1)

Set A	x	0	2	7	8
	y	0	5	17.5	20
Set B	x	0	2	3	6
	y	0	12	18	36

1. _____

2)

Set A	x	0	2	3	4
	y	0	4	6	8
Set B	x	0	2	3	9
	y	0	7	10.5	31.5

2. _____

3)

Set A	x	0	3	5	7
	y	0	7.5	12.5	17.5
Set B	x	0	6	8	10
	y	0	60	80	100

3. _____

4)

Set A	x	0	5	6	9
	y	0	20	24	36
Set B	x	0	3	4	5
	y	0	-25.5	-34	-42.5

4. _____

5)

Set A	x	0	4	6	9
	y	0	-26	-39	-58.5
Set B	x	0	5	8	9
	y	0	37.5	60	67.5

5. _____

6)

Set A	x	0	3	6	9
	y	0	-18	-36	-54
Set B	x	0	2	5	6
	y	0	14	35	42

6. _____



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

1)

Set A	x	0	2	7	8
	y	0	5	17.5	20

$y=2.5x$

Set B	x	0	2	3	6
	y	0	12	18	36

$y=6x$

2)

Set A	x	0	2	3	4
	y	0	4	6	8

$y=2x$

Set B	x	0	2	3	9
	y	0	7	10.5	31.5

$y=3.5x$

3)

Set A	x	0	3	5	7
	y	0	7.5	12.5	17.5

$y=2.5x$

Set B	x	0	6	8	10
	y	0	60	80	100

$y=10x$

4)

Set A	x	0	5	6	9
	y	0	20	24	36

$y=4x$

Set B	x	0	3	4	5
	y	0	-25.5	-34	-42.5

$y=-8.5x$

5)

Set A	x	0	4	6	9
	y	0	-26	-39	-58.5

$y=-6.5x$

Set B	x	0	5	8	9
	y	0	37.5	60	67.5

$y=7.5x$

6)

Set A	x	0	3	6	9
	y	0	-18	-36	-54

$y=-6x$

Set B	x	0	2	5	6
	y	0	14	35	42

$y=7x$

Answers

1. 3.5
2. 1.5
3. 7.5
4. 12.5
5. 14
6. 13



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

Answers

1)

Set A	x	0	6	8	9
	y	0	21	28	31.5
Set B	x	0	6	8	9
	y	0	36	48	54

1. _____

2. _____

3. _____

2)

Set A	x	0	4	5	7
	y	0	18	22.5	31.5
Set B	x	0	5	8	10
	y	0	-52.5	-84	-105

4. _____

5. _____

6. _____

3)

Set A	x	0	5	8	10
	y	0	-17.5	-28	-35
Set B	x	0	2	4	7
	y	0	-18	-36	-63

4)

Set A	x	0	2	4	7
	y	0	10	20	35
Set B	x	0	3	5	9
	y	0	28.5	47.5	85.5

5)

Set A	x	0	2	3	5
	y	0	13	19.5	32.5
Set B	x	0	5	7	10
	y	0	-45	-63	-90

6)

Set A	x	0	6	8	9
	y	0	39	52	58.5
Set B	x	0	2	8	10
	y	0	-18	-72	-90



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

1)

Set A	x	0	6	8	9
	y	0	21	28	31.5

 $y=3.5x$

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

 $y=6x$

2)

Set A	x	0	4	5	7
	y	0	18	22.5	31.5

 $y=4.5x$

Set B	x	0	5	8	10
	y	0	-52.5	-84	-105

 $y=-10.5x$

3)

Set A	x	0	5	8	10
	y	0	-17.5	-28	-35

 $y=-3.5x$

Set B	x	0	2	4	7
	y	0	-18	-36	-63

 $y=-9x$

4)

Set A	x	0	2	4	7
	y	0	10	20	35

 $y=5x$

Set B	x	0	3	5	9
	y	0	28.5	47.5	85.5

 $y=9.5x$

5)

Set A	x	0	2	3	5
	y	0	13	19.5	32.5

 $y=6.5x$

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

 $y=-9x$

6)

Set A	x	0	6	8	9
	y	0	39	52	58.5

 $y=6.5x$

Set B	x	0	2	8	10
	y	0	-18	-72	-90

 $y=-9x$

Answers

1. 2.5
2. 15
3. 5.5
4. 4.5
5. 15.5
6. 15.5



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

Answers

1)

Set A	x	0	2	5	9
	y	0	6	15	27
Set B	x	0	2	3	6
	y	0	19	28.5	57

1. _____

2)

Set A	x	0	2	8	10
	y	0	10	40	50
Set B	x	0	7	8	10
	y	0	49	56	70

2. _____

3)

Set A	x	0	6	7	9
	y	0	33	38.5	49.5
Set B	x	0	5	7	10
	y	0	35	49	70

3. _____

4)

Set A	x	0	2	8	10
	y	0	16	64	80
Set B	x	0	3	9	10
	y	0	30	90	100

4. _____

5)

Set A	x	0	2	6	8
	y	0	6	18	24
Set B	x	0	2	8	10
	y	0	-14	-56	-70

5. _____

6)

Set A	x	0	3	8	9
	y	0	22.5	60	67.5
Set B	x	0	3	7	10
	y	0	31.5	73.5	105

6. _____



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

1)

Set A	x	0	2	5	9	$y=3x$
	y	0	6	15	27	
Set B	x	0	2	3	6	$y=9.5x$
	y	0	19	28.5	57	

2)

Set A	x	0	2	8	10	$y=5x$
	y	0	10	40	50	
Set B	x	0	7	8	10	$y=7x$
	y	0	49	56	70	

3)

Set A	x	0	6	7	9	$y=5.5x$
	y	0	33	38.5	49.5	
Set B	x	0	5	7	10	$y=7x$
	y	0	35	49	70	

4)

Set A	x	0	2	8	10	$y=8x$
	y	0	16	64	80	
Set B	x	0	3	9	10	$y=10x$
	y	0	30	90	100	

5)

Set A	x	0	2	6	8	$y=3x$
	y	0	6	18	24	
Set B	x	0	2	8	10	$y=-7x$
	y	0	-14	-56	-70	

6)

Set A	x	0	3	8	9	$y=7.5x$
	y	0	22.5	60	67.5	
Set B	x	0	3	7	10	$y=10.5x$
	y	0	31.5	73.5	105	

Answers

1. 6.5
2. 2
3. 1.5
4. 2
5. 10
6. 3



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

Answers

1)

Set A	x	0	2	3	8
	y	0	11	16.5	44
Set B	x	0	2	5	10
	y	0	-14	-35	-70

1. _____

2)

Set A	x	0	2	5	10
	y	0	9	22.5	45
Set B	x	0	3	5	9
	y	0	31.5	52.5	94.5

2. _____

3)

Set A	x	0	2	5	8
	y	0	11	27.5	44
Set B	x	0	2	6	9
	y	0	16	48	72

3. _____

4)

Set A	x	0	2	8	10
	y	0	19	76	95
Set B	x	0	3	4	7
	y	0	-31.5	-42	-73.5

4. _____

5)

Set A	x	0	8	9	10
	y	0	-44	-49.5	-55
Set B	x	0	7	8	10
	y	0	52.5	60	75

5. _____

6)

Set A	x	0	4	9	10
	y	0	-34	-76.5	-85
Set B	x	0	3	6	9
	y	0	-30	-60	-90

6. _____



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

1)

Set A	x	0	2	3	8
	y	0	11	16.5	44

 $y=5.5x$

Set B	x	0	2	5	10
	y	0	-14	-35	-70

 $y=-7x$

2)

Set A	x	0	2	5	10
	y	0	9	22.5	45

 $y=4.5x$

Set B	x	0	3	5	9
	y	0	31.5	52.5	94.5

 $y=10.5x$

3)

Set A	x	0	2	5	8
	y	0	11	27.5	44

 $y=5.5x$

Set B	x	0	2	6	9
	y	0	16	48	72

 $y=8x$

4)

Set A	x	0	2	8	10
	y	0	19	76	95

 $y=9.5x$

Set B	x	0	3	4	7
	y	0	-31.5	-42	-73.5

 $y=-10.5x$

5)

Set A	x	0	8	9	10
	y	0	-44	-49.5	-55

 $y=-5.5x$

Set B	x	0	7	8	10
	y	0	52.5	60	75

 $y=7.5x$

6)

Set A	x	0	4	9	10
	y	0	-34	-76.5	-85

 $y=-8.5x$

Set B	x	0	3	6	9
	y	0	-30	-60	-90

 $y=-10x$

Answers

1. 12.5

2. 6

3. 2.5

4. 20

5. 13

6. 1.5



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

Answers

1)

Set A	x	0	7	8	9
	y	0	-35	-40	-45
Set B	x	0	5	7	9
	y	0	-37.5	-52.5	-67.5

1. _____

2. _____

3. _____

2)

Set A	x	0	4	5	10
	y	0	20	25	50
Set B	x	0	5	6	9
	y	0	45	54	81

4. _____

5. _____

6. _____

3)

Set A	x	0	2	9	10
	y	0	8	36	40
Set B	x	0	2	6	7
	y	0	13	39	45.5

4)

Set A	x	0	2	8	10
	y	0	8	32	40
Set B	x	0	3	5	9
	y	0	-16.5	-27.5	-49.5

5)

Set A	x	0	2	3	9
	y	0	7	10.5	31.5
Set B	x	0	4	6	7
	y	0	16	24	28

6)

Set A	x	0	2	6	8
	y	0	4	12	16
Set B	x	0	4	6	9
	y	0	22	33	49.5



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

1)

Set A	x	0	7	8	9	$y = -5x$
	y	0	-35	-40	-45	
Set B	x	0	5	7	9	$y = -7.5x$
	y	0	-37.5	-52.5	-67.5	

2)

Set A	x	0	4	5	10	$y = 5x$
	y	0	20	25	50	
Set B	x	0	5	6	9	$y = 9x$
	y	0	45	54	81	

3)

Set A	x	0	2	9	10	$y = 4x$
	y	0	8	36	40	
Set B	x	0	2	6	7	$y = 6.5x$
	y	0	13	39	45.5	

4)

Set A	x	0	2	8	10	$y = 4x$
	y	0	8	32	40	
Set B	x	0	3	5	9	$y = -5.5x$
	y	0	-16.5	-27.5	-49.5	

5)

Set A	x	0	2	3	9	$y = 3.5x$
	y	0	7	10.5	31.5	
Set B	x	0	4	6	7	$y = 4x$
	y	0	16	24	28	

6)

Set A	x	0	2	6	8	$y = 2x$
	y	0	4	12	16	
Set B	x	0	4	6	9	$y = 5.5x$
	y	0	22	33	49.5	

Answers

1. 2.5
2. 4
3. 2.5
4. 9.5
5. 0.5
6. 3.5



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

Answers

1)

Set A	x	0	3	6	8
	y	0	-16.5	-33	-44
Set B	x	0	2	4	9
	y	0	-16	-32	-72

1. _____

2. _____

3. _____

2)

Set A	x	0	3	6	7
	y	0	9	18	21
Set B	x	0	2	3	8
	y	0	-11	-16.5	-44

4. _____

5. _____

6. _____

3)

Set A	x	0	3	7	10
	y	0	7.5	17.5	25
Set B	x	0	3	4	5
	y	0	21	28	35

4)

Set A	x	0	3	5	7
	y	0	-24	-40	-56
Set B	x	0	4	5	9
	y	0	42	52.5	94.5

5)

Set A	x	0	4	7	9
	y	0	12	21	27
Set B	x	0	7	8	9
	y	0	31.5	36	40.5

6)

Set A	x	0	2	3	5
	y	0	4	6	10
Set B	x	0	5	7	8
	y	0	40	56	64



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

1)

Set A	x	0	3	6	8	$y = -5.5x$
	y	0	-16.5	-33	-44	
Set B	x	0	2	4	9	$y = -8x$
	y	0	-16	-32	-72	

2)

Set A	x	0	3	6	7	$y = 3x$
	y	0	9	18	21	
Set B	x	0	2	3	8	$y = -5.5x$
	y	0	-11	-16.5	-44	

3)

Set A	x	0	3	7	10	$y = 2.5x$
	y	0	7.5	17.5	25	
Set B	x	0	3	4	5	$y = 7x$
	y	0	21	28	35	

4)

Set A	x	0	3	5	7	$y = -8x$
	y	0	-24	-40	-56	
Set B	x	0	4	5	9	$y = 10.5x$
	y	0	42	52.5	94.5	

5)

Set A	x	0	4	7	9	$y = 3x$
	y	0	12	21	27	
Set B	x	0	7	8	9	$y = 4.5x$
	y	0	31.5	36	40.5	

6)

Set A	x	0	2	3	5	$y = 2x$
	y	0	4	6	10	
Set B	x	0	5	7	8	$y = 8x$
	y	0	40	56	64	

Answers

1. 2.5

2. 8.5

3. 4.5

4. 18.5

5. 1.5

6. 6