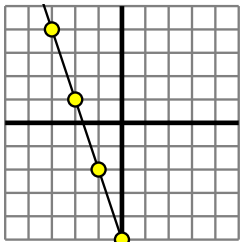
Comparing Rate of Change Name:

Determine which function has the greater change of rate. If the rate is the same answer with 'same'.

1) A.



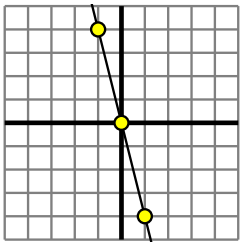
B.

X	Y
-5	-37
1	-1
7	35
8	41
10	53

2) A.

X	Y
-8	-80
2	20
3	30
5	50
8	80

B.



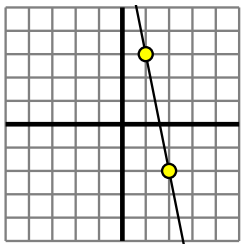
3) A.

X	Y
-2	2
1	-1
4	-4
5	-5
8	-8

B.

Y=9×X+(X×9)

4) A.



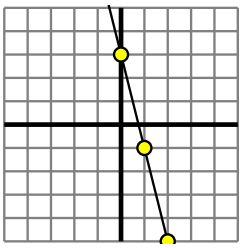
B.

Y=9×X-(X+8)

5) A.

X	Y
-5	4
-2	7
-1	8
1	10
5	14

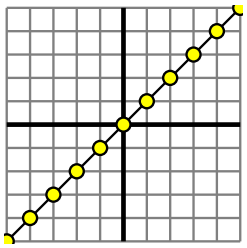
B.



6) A.

X	Y
-10	-90
-8	-72
-3	-27
7	63
9	81

B.



7) A.

Y=5×X+5

B.

X	Y
-8	-15
-1	-8
0	-7
8	1
9	2

8) A.

Y=9×X-(X×-1)

B.

X	Y
-4	-28
-3	-21
4	28
5	35
8	56

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

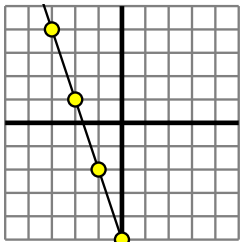
1-8	88	75	63	50	38	25	13	0

Comparing Rate of Change

Name: **Answer Key**

Determine which function has the greater change of rate. If the rate is the same answer with 'same'.

1) A.



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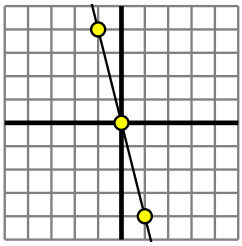
X	Y
-8	-80
2	20
3	30
5	50
8	80

B.



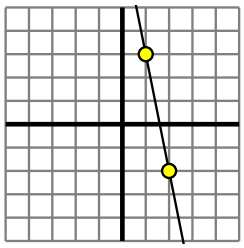
3) A.

X	Y
-2	2
1	-1
4	-4
5	-5
8	-8

B.

Y=9×X+(X×9)

4) A.



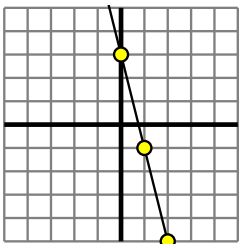
B.

Y=9×X-(X+8)

5) A.

X	Y
-5	4
-2	7
-1	8
1	10
5	14

B.



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-8	-72
-3	-27
7	63
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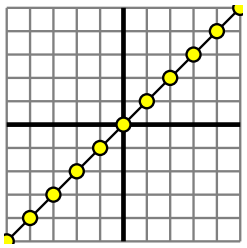

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Y=5×X+5

B.

X	Y
-8	-15
-1	-8
0	-7
8	1
9	2

8) A.

Y=9×X-(X×-1)

B.

X	Y
-4	-28
-3	-21
4	28
5	35
8	56

Answers

1. B
2. A
3. B
4. B
5. B
6. A
7. A
8. A

1-8	88	75	63	50	38	25	13	0