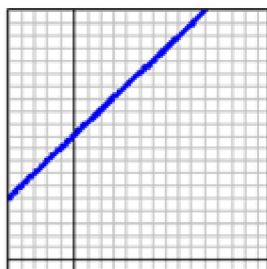**MULTIPLE CHOICE**
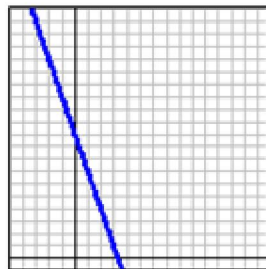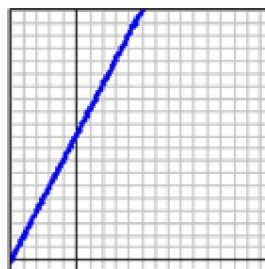
The following graphs show the "success" of 4 different banks.
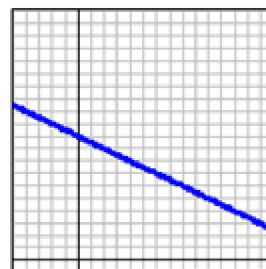
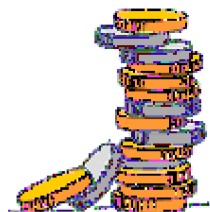

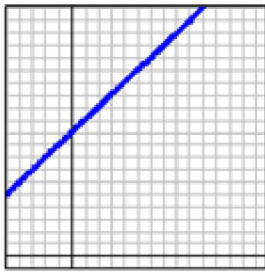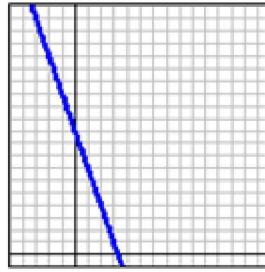A   B   C   D

1. Which bank would you put your money in?

 a. A   c. C

 b. B   d. D

ANS: C

The following graphs show the "success" of 4 different banks.
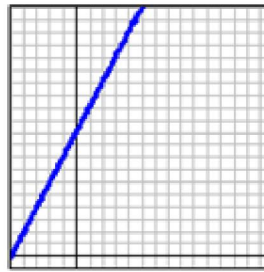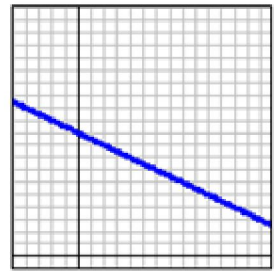
Rate the banks!

"Success"	Best Bet	Gainer	Loser	Mega Loser
Bank	C			

2. Which bank is the gainer?

   a. A   c. C

   b. B   d. D

ANS: A

3. Which bank is the loser?

   a. A   c. C

   b. B   d. D

ANS: D

4. Which bank is the mega loser?

   a. A   c. C

   b. B   d. D

ANS: B

The following graphs show the "success" of 4 different banks.
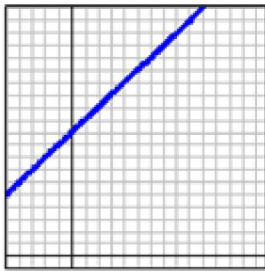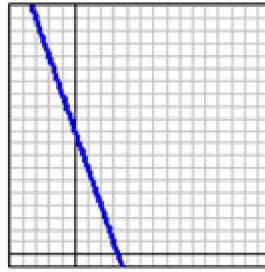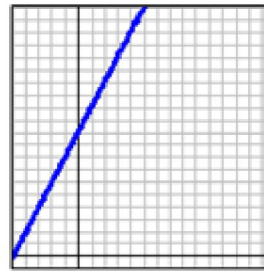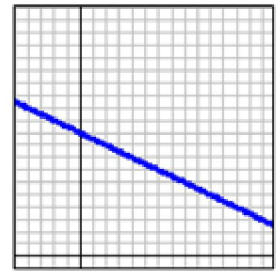

A   B   C   D

5. If you had to guess at the meaning of "slope" and "positive slope", which banks do you think have positive slope?

a. A and B   c. A & C
b. B and D   d. all of the banks

ANS: C

6. What is the opposite of "positive"?
What could you say about the slope of the loser banks?

They have _____ slope.

a. positive   b. negative

ANS: B

7. Say the slopes of the banks are: -3, $-\frac{1}{2}$, 1 and 2.

Which slope is the largest positive number?

a. -3   c. 1

b. $-\frac{1}{2}$ d. 2

ANS: D

8. Say the slopes of the banks are: -3, $-\frac{1}{2}$,   1 and 2.

The largest positive number of these is 2.

Which bank has slope 2?

a. A - Gainer Bank

c. C - Best Bet Bank

b. B - Mega Loser Bank

d. D - Loser Bank

ANS: C

The following graphs show the "success" of 4 different banks.

A   B   C   D
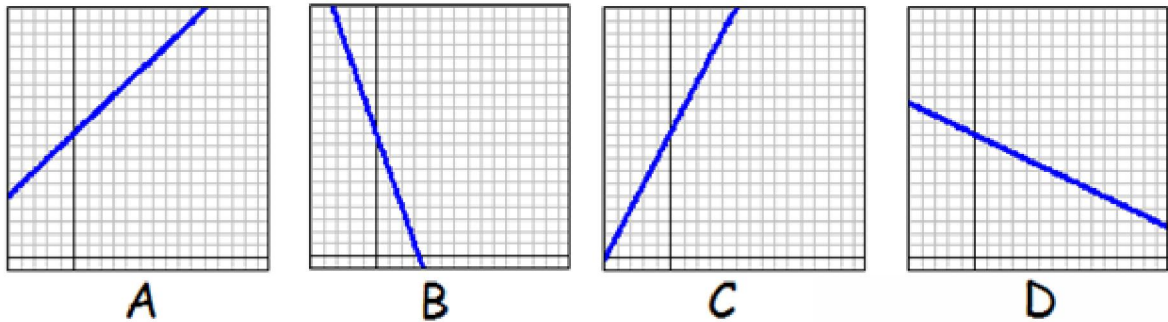
Slopes are: -3, $-\frac{1}{2}$, 1 and 2. Match the slopes to the bank!

Bank	A	B	C	D
Slope			2	

9. We know the slope of Best-Bet Bank C is 2.

What is the slope of Gainer Bank A?

a. -3

c. 1

b. $-\frac{1}{2}$

d. 2

ANS: C

10. We know the slope of Best-Bet Bank C is 2.

What is the slope of Mega-Loser Bank B?

a. -3

c. 1
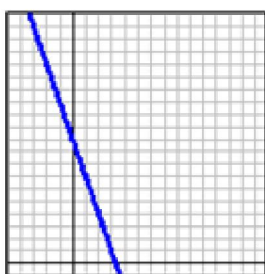
b. $-\dfrac{1}{2}$

d. 2

ANS: A

11. We know the slope of Best-Bet Bank C is 2.

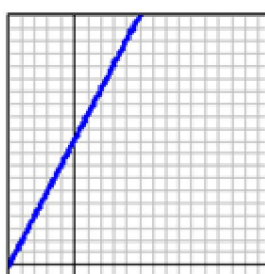What is the slope of Loser Bank D?

a. -3

c. 1

b. $-\dfrac{1}{2}$

d. 2

ANS: B

Mega-Loser Bank   Best-Bet Bank

B

C

12. We know the absolute values: $|2|=2$ and $|-3|=3$.

Do you think the the Mega-Loser Bank B with slope -3 is losing money faster than the Best-Bet Bank C with slope 2 is gaining?

Why do you think this?

a. Yes

b. No

ANS: A

The slope measures the "rate of change".

Mega-Loser Bank B is losing money at a rate of $|-3|=3$.

Best-Bet Bank C is gaining money at a rate of $|2|=2$.

Since 3 > 2, Mega-Loser Bank B is losing money faster than Best-Bat Bank C is gaining money.

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