

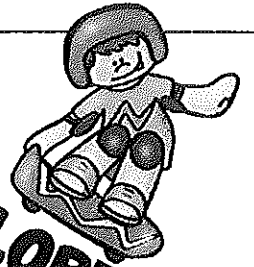
Name _____

Date _____

EXTREME SPORTS

Tiered
HOMEWORK

FINDING SLOPE



Directions: Find the slope of the line given a pair of points, a table, a graph or a verbal situation. Write your answer in the box below the problem number.

1 A	(12, 9), (16, 10)			
	A. 1/4	B. 4	C. -1/4	D. -4

2 A	(14,25), (32, 50)			
	A. 14/32	B. 25	C. 25/18	D. -14/32

3 A B	(-4, 6), (7, -8)			
	A. -14/3	B. -1/2	C. -2/3	D. -14/11

4 A B	(0, -8), (-4, 0)			
	A. 0	B. -8	C. -2	D. 2

5 B,C	(-3,15), (9,17)			
	A. 6	B. $\frac{1}{6}$	C. $-\frac{1}{6}$	D. -6

6 B,C	(7, -11), (16,7)			
	A. $\frac{1}{2}$	B. $-\frac{1}{2}$	C. -2	D. 2

7 C	(-1, -16), (-1,11)			
	A. undefined	B. 1	C. -1	D. 0

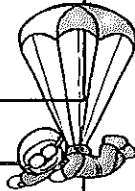
8 C	(-2, -7), (3, -10)			
	A. -3	B. $-\frac{3}{5}$	C. $\frac{3}{5}$	D. 5

9 A	<table border="1"> <tr> <td>x</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>y</td> <td>5</td> <td>8</td> <td>11</td> <td>14</td> </tr> </table>				x	0	1	2	3	y	5	8	11	14
	x	0	1	2	3									
y	5	8	11	14										

10 B,C	<table border="1"> <tr> <td>x</td> <td>-1</td> <td>-2</td> <td>-3</td> <td>-4</td> </tr> <tr> <td>y</td> <td>2</td> <td>4</td> <td>6</td> <td>8</td> </tr> </table>				x	-1	-2	-3	-4	y	2	4	6	8
	x	-1	-2	-3	-4									
y	2	4	6	8										

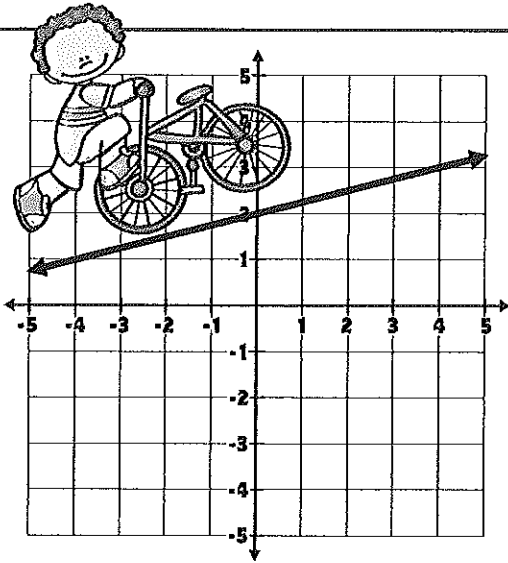
11 A	<table border="1"> <tr> <td>x</td> <td>y</td> </tr> <tr> <td>0</td> <td>6</td> </tr> <tr> <td>5</td> <td>5</td> </tr> <tr> <td>10</td> <td>4</td> </tr> <tr> <td>15</td> <td>3</td> </tr> </table>		x	y	0	6	5	5	10	4	15	3
	x	y										
	0	6										
	5	5										
	10	4										
	15	3										

12 B C	<table border="1"> <tr> <td>x</td> <td>y</td> </tr> <tr> <td>-6</td> <td>-27</td> </tr> <tr> <td>-5</td> <td>-23</td> </tr> <tr> <td>-1</td> <td>-7</td> </tr> <tr> <td>0</td> <td>-3</td> </tr> </table>		x	y	-6	-27	-5	-23	-1	-7	0	-3
	x	y										
	-6	-27										
	-5	-23										
	-1	-7										
	0	-3										

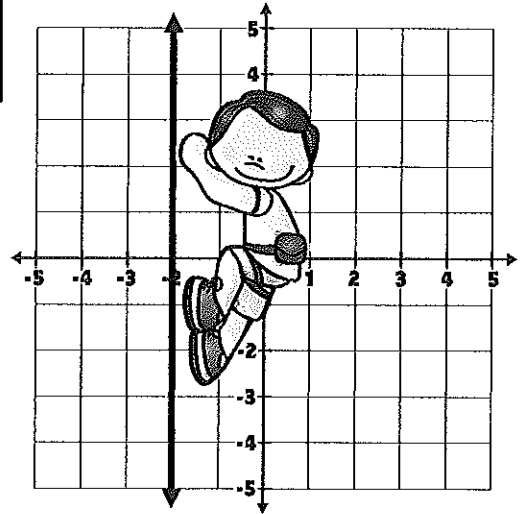


Questions 13-20 Tell what type of slope.

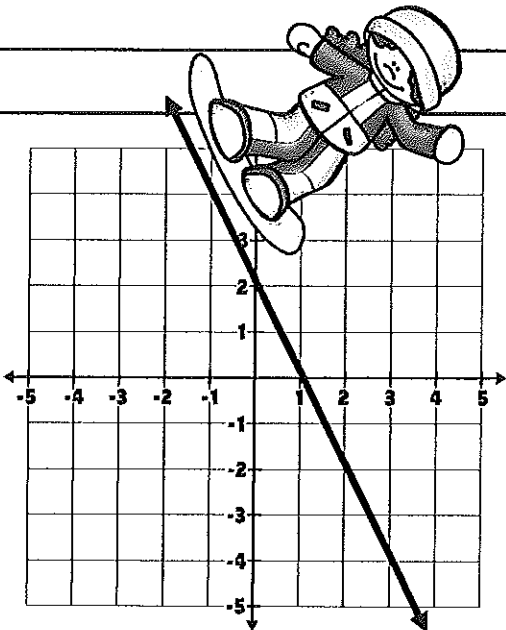
13
A, B,
C



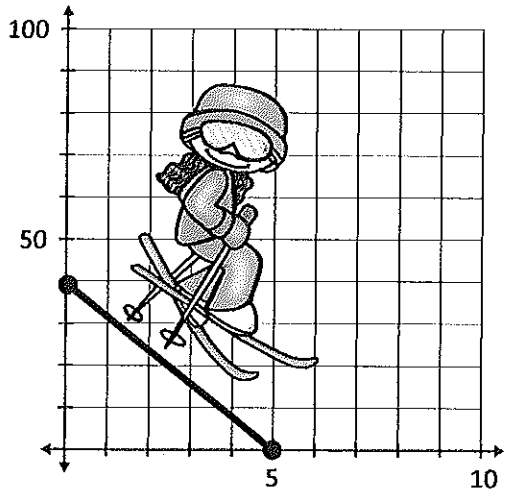
14
A, B,
C



15
A, B,
C



16
A, B,
C



17
A, B,
C

The water level in Noah's water tank is 72 inches high. Noah begins to drain a water tank by opening a valve. The water drains at the speed of 5 inches per minute.

18
A, B,
C

A pet store is selling puppies for \$50 each plus a \$14.99 transfer fee.

19
A, B,
C

A small bookstore is selling copies of the book *To Kill a Mockingbird* for \$6.99 each plus \$0.99 for shipping and handling.

20
A, B,
C

To rent movies from the store, a person has to pay an annual membership fee of \$20 plus \$2.50 for each movie rented.