**7.6 Worksheet**

***Slope***

**Find the slope of each line.**







 **1. 2. 3.**

**The points given in each table lie on a line. Find the slope of the line. Then graph the line.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***x*** | –1 | 1 | 3 | 5 |
| ***y*** | –2 | 0 | 2 | 4 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***x*** | –1 | 2 | 5 | 8 |
| ***y*** | 3 | –1 | –5 | –9 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***x*** | –2 | 3 | 8 | 13 |
| ***y*** | –2 | –1 | 0 | 1 |

 **4. 5. 6.**







 **7. HOMES** Find the slope of the roof of a home that rises 8 feet for every horizontal change of 24 feet.



 **8. MOUNTAINS** Find the slope of a mountain that descends 100 meters for every horizontal distance of 1,000 meters



**Find the slope of the line that passes through each pair of points.**

 **9.** *A*(1, 3), *B*(4, 7) **10.** *C*(3, 5), *D*(2, 6) **11.** *E*(4, 0), *F*(5, 5)

