

Worksheet 13-1

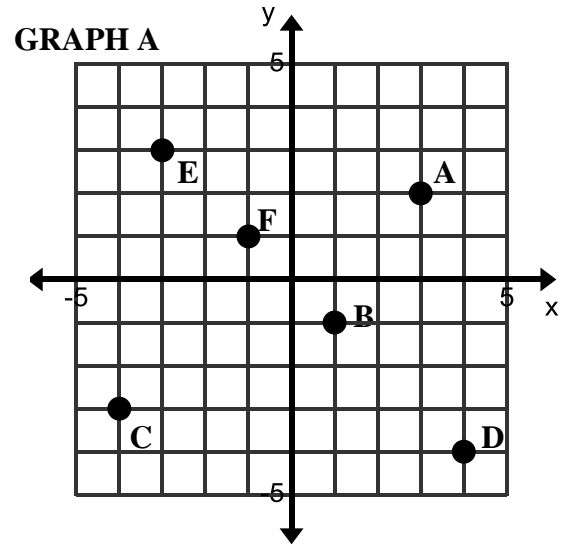
Pre-Algebra

Introduction to Slope

Unit 13

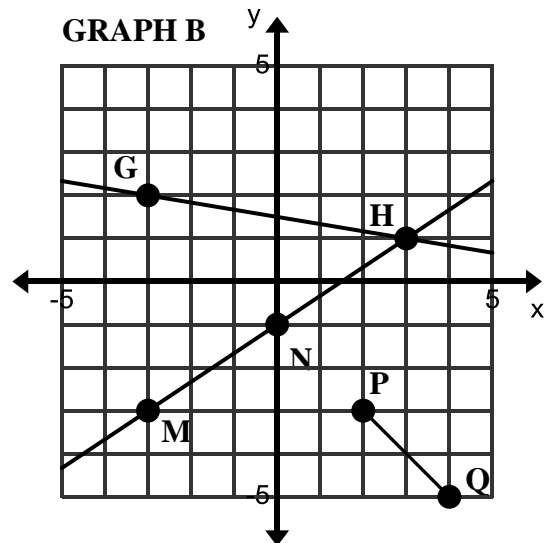
Use the points marked on Graph A to answer questions 1-10.

- | | |
|--|--|
| <p>1. What is the <u>rise</u> from B to A?</p> <p>2. What is the <u>run</u> from B to A?</p> <p>3. What is the slope of line AB?</p> | <p>4. What is the <u>rise</u> from C to D?</p> <p>5. What is the <u>run</u> from C to D?</p> <p>6. What is the slope of line CD?</p> |
| <p>7. What is the slope of EF?</p> <p>8. What is the slope of AC?</p> | <p>9. What is the slope of CB?</p> <p>10. What is the slope of AF?</p> |



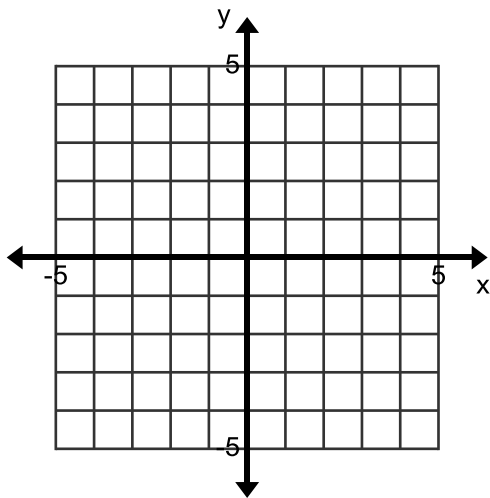
Use Graph B to answer questions 11-16.

- | | |
|---|---|
| <p>11. What is the slope of GH?</p> <p>12. What is the slope of PQ?</p> <p>13. What is the slope of MN?</p> | <p>14. What is the slope of NH?</p> <p>15. What is the slope of MH?</p> <p>16. Why is the slope of MN, NH, and MH the same?</p> |
|---|---|



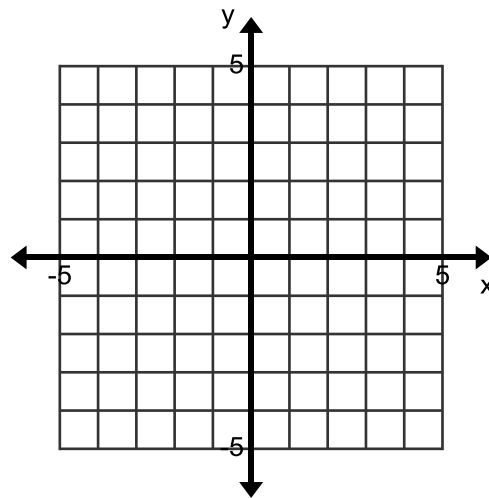
17. Place a point at $(-3, -2)$.

From this point, draw a line with a slope of $\frac{2}{3}$.



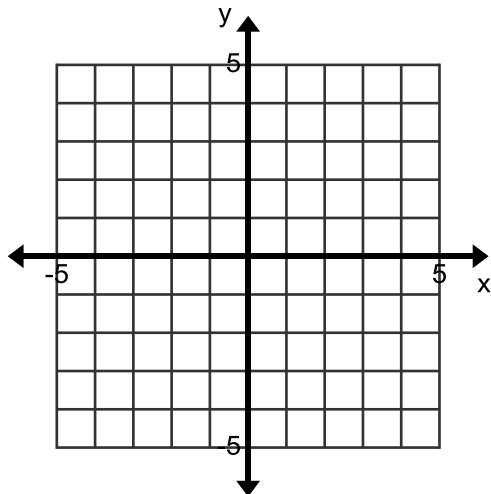
19. Place a point at $(-2, 3)$.

From this point, draw a line with a slope of $-\frac{2}{5}$.



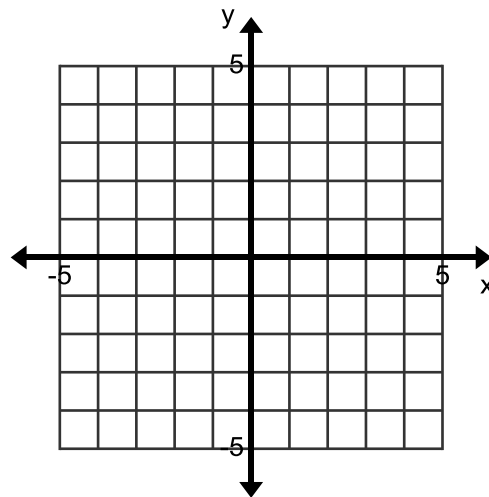
18. Place a point at $(0, 3)$.

From this point, draw a line with a slope of $-\frac{4}{3}$.



20. Place a point at $(1, -4)$.

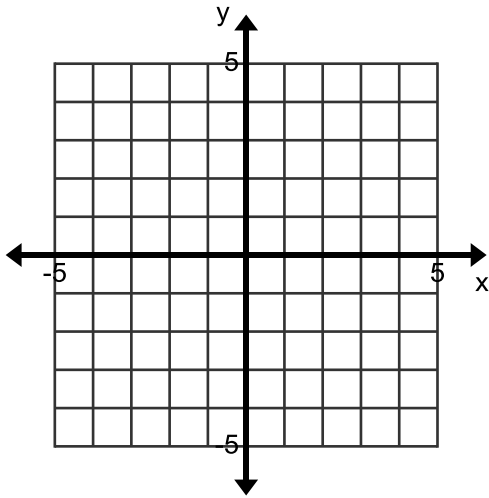
From this point, draw a line with a slope of $\frac{3}{1}$.



For 21-24, plot the points given and find the slope.

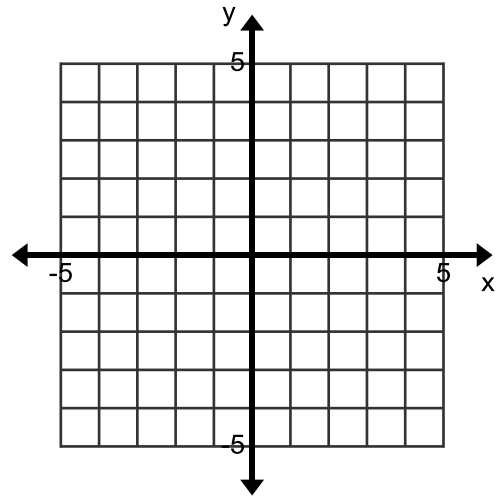
21. $(-1, 2)$ and $(-3, 4)$

Slope _____



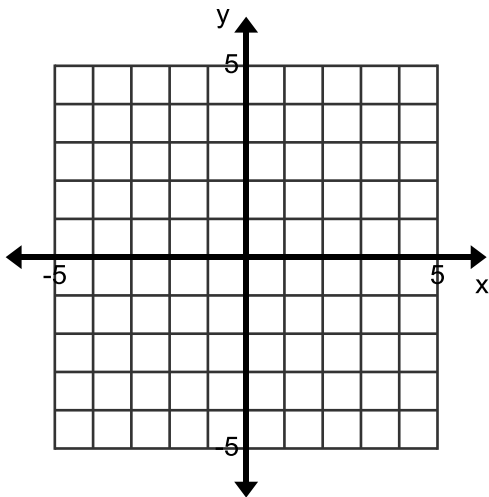
23. $(0, 2)$ and $(5, 0)$

Slope _____



22. $(0, 1)$ and $(-5, -2)$

Slope _____



24. $(4, 3)$ and $(1, 2)$

Slope _____

