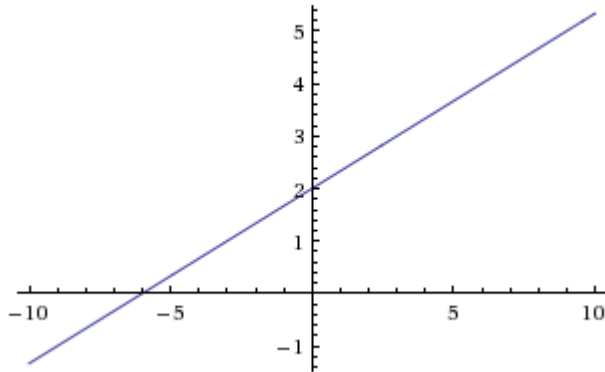


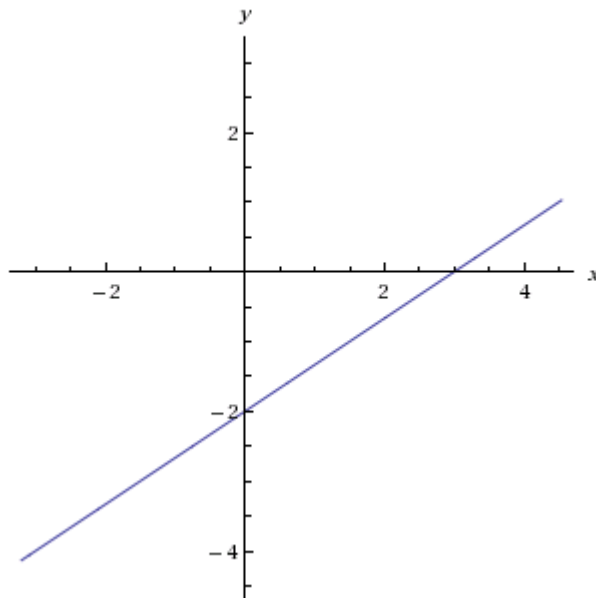
**MA001
Unit 2 Practice Test
Answer Key**

Plot



1.

Implicit plot:



2.

3. $y = -\frac{1}{4}x - 3$

4. Jenna is going 15 mph; Kelsey is going 23 mph

5. $x > -1$

6. $y = \frac{7}{4}x + \frac{9}{4}$, slope is $\frac{7}{4}$, and y-intercept is $\frac{9}{4}$

7. $y = -2x + 1$

8. the slope is -3, and the equation for the line is $y = -3x + 32$

Saylor URL: www.saylor.org/MA001/#2.5 (after Unit 2 Practice Test)

The Saylor Foundation

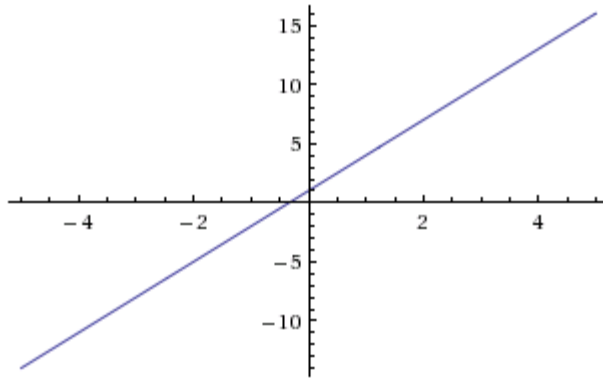


Saylor.org
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9. the slope is 3

10. $y = -\frac{9}{8}x + 6$

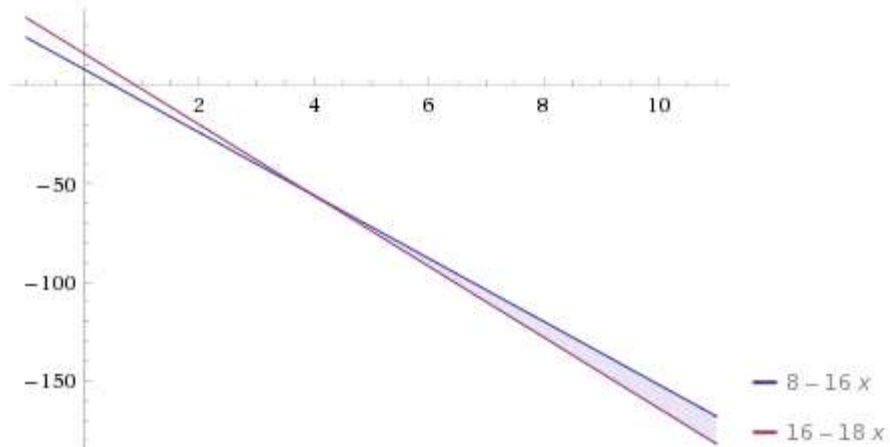
Plot



11.

12. $x < -2$

Inequality plot:



13.

14. $y = 10x + 3$

15. She took 4 hours to get there and 3 to get back.

16. $\frac{4}{5} < x \leq 2$

17. Valerie is going 12 mph; Jessica 19 mph

18. $y = -\frac{1}{4}x + 2$

19. The slope is $-\frac{1}{2}$

20. $y = -2x - 20$

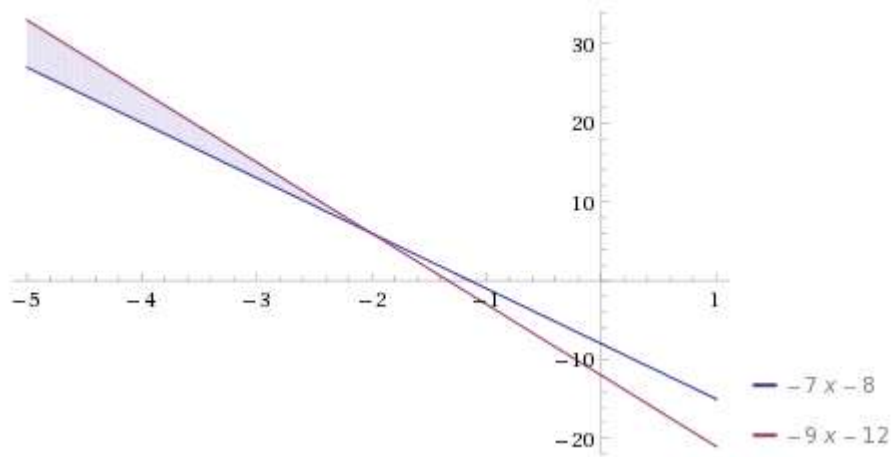
21. $y = 3x + 3$

22. $x < 2/3$

23. $(-\infty, -1)$

24. $\frac{1}{5} < x < \frac{8}{5}$

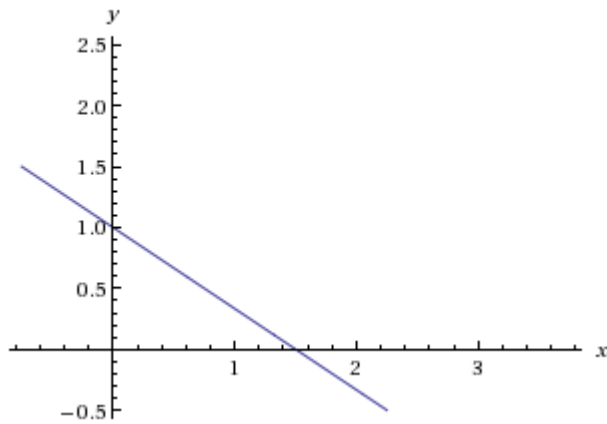
Inequality plot:



25.

26. 6 hours

Implicit plot:



27.

28. $y = -2x + 6$

