

Lesson 56A

1. Represent the following numbers as being members of set M :
 $-4, -2, -3, 1, -2, -2, -1, -5, -5, 0, 0, -2, -6$
2. Graph: $x - y = 3$
3. Given the sets $A = \{2, 4, 7, 9\}$, $B = \{4, 9\}$, and $C = \{2, 3, 4, 6\}$, tell which of the following statements are true and which are false.
a) $7 \notin C$ b) $9 \notin B$ c) $7 \notin B$ d) $2 \in C$
4. Graph: $3x - 3y = 9$
5. Represent the following numbers as being members of set M :
 $-6, -4, -5, -1, -7, -4, -5, -7, -6, -4, -3, -2$

Graph:

6. $x - y = 1$
7. $4x + 4y = 16$
8. Represent the following numbers as being members of set M :
 $0, -3, -8, -7, -7, -6, -5, -7, -4, -4, -3, -1, -9, -2$

Graph:

9. $x - y = 4$
10. $2x - 2y = 4$
11. Represent the following numbers as being members of set M :
 $-4, -3, -4, -5, 0, 2, 3, -2, 0, -1, 1, 0, -3, -3$

Graph:

12. $3x - y = 6$
13. $x + 3y = 3$

Lesson 56A

Simplify:

$$14. \frac{\frac{u+v}{1}}{w}$$

$$15. \frac{\frac{e}{y}}{z+y+e}$$

$$16. \frac{\frac{s}{u}}{1+s+t}$$

$$17. \frac{\frac{c}{v}}{w+v+c}$$

18. Solve the system by the substitution method.

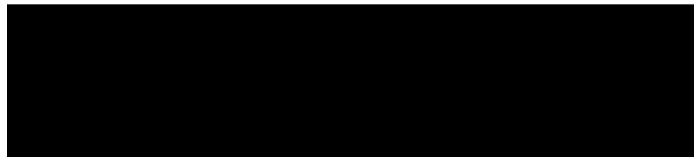
$$x = 3y + 7$$

$$7x + y = -149$$

19. Solve the system by the substitution method.

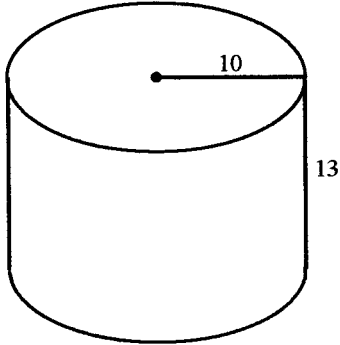
$$x = 4y + 6$$

$$5x + y = 9$$

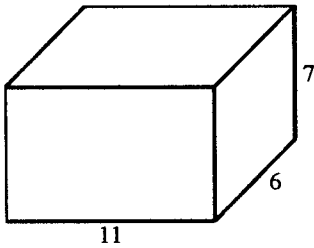


Lesson 56A

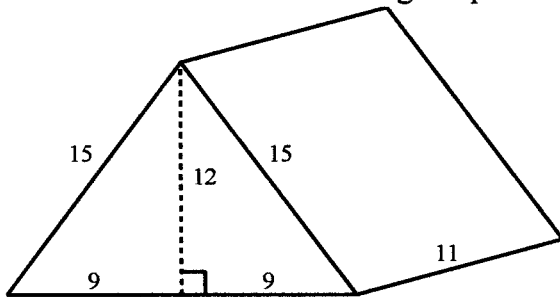
21. Find the surface area of this right circular cylinder. Dimensions are in feet.



22. Find the surface area of this right rectangular prism. Dimensions are in yards.



23. Find the surface area of the triangular prism. Dimensions are in feet.



24. What percent of 1700 is 85?

25. 132 is 30% of what number?

