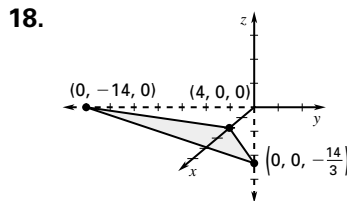
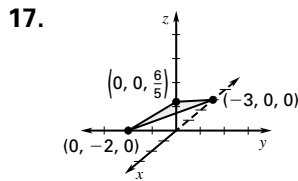
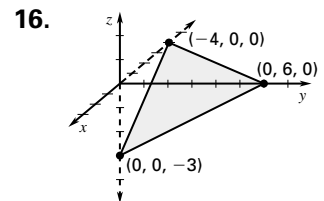
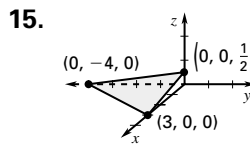
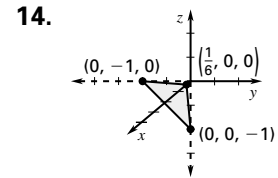
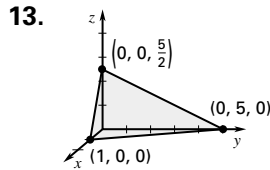
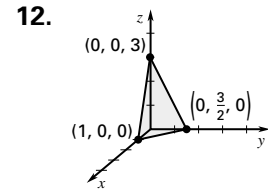
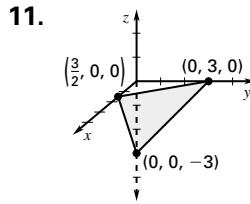
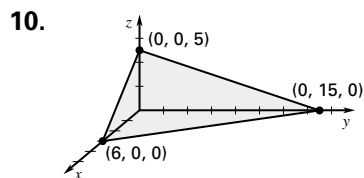
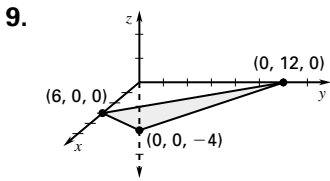
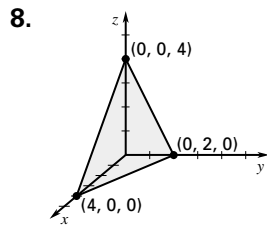
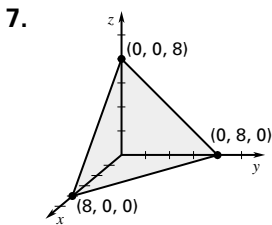
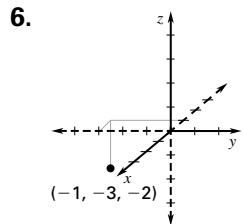
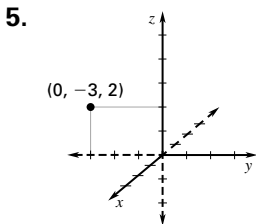
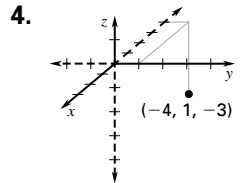
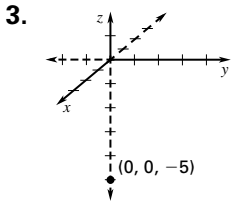
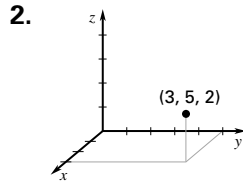
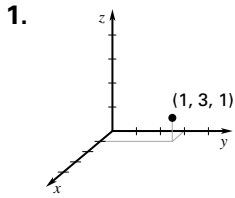


# Answer Key

## Practice B



19.  $f(x, y) = 5 - 4x - y; -4$

20.  $f(x, y) = 3 - 3x - 2y; -1$

21.  $f(x, y) = 5x + 3y - 7; 21$

22.  $f(x, y) = 3x - y - 2; -11$

23.  $f(x, y) = 3 - x - \frac{1}{2}y; -2$

24.  $f(x, y) = \frac{3}{4}x + \frac{1}{2}y - 6; -\frac{33}{4}$

25.  $f(x, y) = 3 - \frac{2}{5}x - \frac{1}{5}y; 0$

26.  $f(x, y) = 2 - \frac{3}{8}x + \frac{1}{4}y; \frac{5}{2}$

27.  $f(x, y) = \frac{1}{4}x + \frac{1}{5}y - \frac{1}{2}; \frac{3}{4}$

28. 30    29. 48

30.  $f(x, y) = 35x + 60y + 200; \$1500$

31.  $f(x, y) = 2x + 3.5y + 12; \$25$