1. Each object below has the shape of a geometric solid. Write the name of each geometric solid.
   a. 
      
      
   b. 
      
      
2. Each object below has the shape of a geometric solid. Write the name of each geometric solid.
   a. 
      
      
   b. 
      
      
3. How many faces does the cube have?

   
   
   
   
   
   
   
   faces
4. How many faces does the rectangular prism have?

5. Mark Xs on the vertices of the pentagonal pyramid.

6. How many edges does the cube have?

7. Write the name of the shape of the base of the geometric solid given below.
8. Describe the vertices, edges, faces, and bases of the geometric solid below.

9. Find the volume of each stack of centimeter cubes.
   a. Volume = _____ cm³
   b. Volume = _____ cm³
10. Find the volume of each stack of centimeter cubes.
   a. \[ \text{Volume} = \underline{\phantom{000}} \text{cm}^3 \]
   
   b. \[ \text{Volume} = \underline{\phantom{000}} \text{cm}^3 \]

11. Choose the best estimate for the mass of the object.
    Would a horse have mass of about 300 kilograms or 300 grams?

12. Choose the most reasonable estimate for the following objects:
    a. a glass of water
    b. a comb
    c. a lion

    [A] a. 0.1 oz  b. 500 g  c. 3 kg  
    [B] a. 10 oz  b. 50 g  c. 300 kg  
    [C] a. 100 oz b. 0.5 g  c. 30 kg

13. There are 5 blue, 1 green, and 4 red marbles in a bag. Choose one of the probability terms listed below to describe the likelihood of each event.

    impossible  certain  very unlikely  likely

Without looking:

a. a green marble will be pulled from the bag.  

b. a blue marble will be pulled from the bag.  

c. a marble will be pulled from the bag.  

d. an orange marble will be pulled from the bag.  

14. Calculate the volume of each rectangular prism.

Volume of rectangular prism = Area of base \times \text{ height}

\[ V = B \times h \]

a.

Volume = \underline{\hspace{2cm}} \text{ cm}^3

Number model: \underline{\hspace{1cm}}

b.

Volume = \underline{\hspace{2cm}} \text{ cm}^3

Number model: \underline{\hspace{1cm}}

15. Add.

a. \(17 + (-5) = \underline{\hspace{1cm}}\)

b. \((-21) + 2 = \underline{\hspace{1cm}}\)

c. \underline{\hspace{1cm}} = -6 + (-13)

d. \underline{\hspace{1cm}} = 5 + (-5)

Make a \# \text{ line} \downarrow
   a. \(14 - (-8) = \) 
   b. \(-24 - (+9) = \) 
   c. \(\_ \_ \_ = -2 - (-3)\) 
   d. \(\_ \_ \_ = 13 - (-5)\) 

17. Subtract.
   a. \(16 - (-8) = \) 
   b. \(-19 - (+9) = \) 
   c. \(\_ \_ \_ = -7 - (-8)\) 
   d. \(\_ \_ \_ = 19 - (-8)\) 

Multiply. Be sure to include the decimal point in your answer.

18. \(6.2 \times 26 = \) 

19. \(\_ \_ \_ = 0.89 \times 65\)