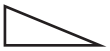
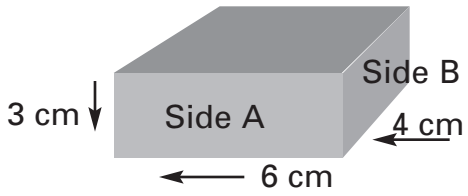
1. Match the most common definition with each picture.

1.	Rhombus	a.	
2.	Square	b.	
3.	Equilateral Triangle	c.	
4.	Scalene Triangle	d.	
5.	Isosceles Triangle	e.	
6.	Pentagon	f.	
7.	Hexagon	g.	
8.	Chord	h.	
9.	Octagon	i.	
10.	Prism	j.	

2. Find the surface area of the figure.



Use the picture above to answer the following questions.

1. Find the area of Side A.

2. Find the area of Side B.

3. Find the surface area of the box.

   Front _____ x 2 _____

   Top _____ x 2 _____

   Side _____ x 2 _____

   Total _____

3. Write the sum or difference.

$3\frac{1}{4} - 2\frac{5}{16}$ $\quad$ $7\frac{3}{8} - 4\frac{3}{4}$ $\quad$ $16\frac{2}{3} - 9\frac{7}{9}$ $\quad$ $27\frac{1}{3} - 12\frac{5}{8}$

$8\frac{4}{7} + 12\frac{2}{3}$ $\quad$ $13\frac{6}{8} + 4\frac{1}{2}$ $\quad$ $55\frac{4}{5} + 47\frac{7}{8}$ $\quad$ $29\frac{6}{9} + 99\frac{2}{3}$

4. Find the fraction of each number

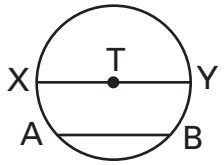
$\frac{3}{4}$ of 28 $\quad$ $\frac{1}{7}$ of 63 $\quad$ $\frac{5}{8}$ of 32 $\quad$ $\frac{4}{9}$ of 81

5. Multiply or divide. Write the answers in simplest terms.

$\frac{2}{5} \times \frac{6}{7}$ $\quad$ $\frac{5}{8} \times \frac{5}{12}$ $\quad$ $1\frac{5}{9} \times \frac{2}{3}$ $\quad$ $2\frac{3}{4} \times 2\frac{1}{2}$

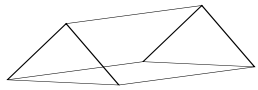
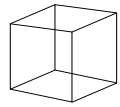
$\frac{1}{3} \div \frac{4}{7}$ $\quad$ $\frac{2}{5} \div \frac{1}{3}$ $\quad$ $6 \div \frac{2}{3}$ $\quad$ $\frac{4}{9} \div 5$

6. **Use the circle to answer the following questions.**

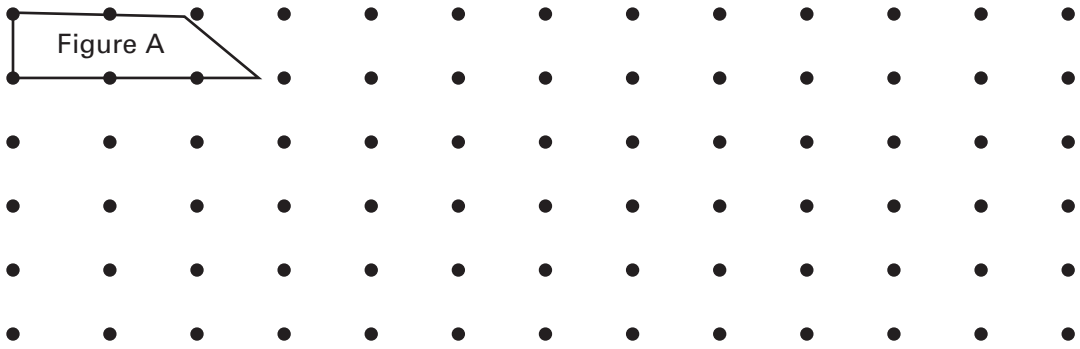


1. Name the diameter.
2. Name a chord other than the diameter.
3. Name a radius.
4. If the diameter is 6 cm, what is the radius?

7. **Define the figure and tell the number of faces, edges, and vertices. You may choose from the following names: rectangular pyramid, triangular pyramid, hexagonal pyramid, triangular prism, or cube.**

			
Name of Figure			
Faces			
Edges			
Vertices			

8. **Draw a figure that is congruent to Figure A. Draw a figure that is similar to Figure A.**



9. **Write each product.**

8.9	0.81	1.32	12.9	21.9
x 6	x 3	x 0.5	x 4.2	x 1.4

10. **Write each quotient. Write an extra dividend in the quotient when needed.**

$9\overline{)262.17}$ $4\overline{)464.44}$ $5\overline{)157.8}$ $2\overline{)48.95}$

11. **Complete the table.**

Fraction	Decimal	Percent
$\frac{14}{100}$	0.14	14%
$\frac{62}{100}$		
		8%
	0.19	
$\frac{80}{100}$		
	0.75	

12. **Find the percent of each number.**

20% of 100 15% of 60 10% of 70 25% of 60

13. **Find the range, mean, and mode for the set of numbers.**

13, 18, 61, 11, 47, 11, 84

range _____ mean _____ mode _____