

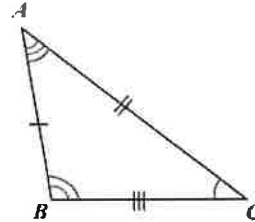
Name: _____

Date: _____

Chapter 8 Review/Study Guide

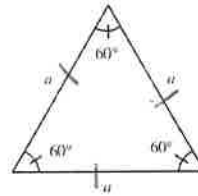
1. Which statement about the triangle is true?

- a) It is an acute triangle.
- b) It has one right angle.
- c) It has two equal sides.
- d) It has no equal sides.
- e) Both a and d



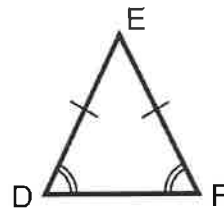
2. Which statement about the triangle is true?

- a) It is a right triangle.
- b) It is an acute triangle.
- c) It has no equal sides.
- d) It has three equal sides.
- e) Both b and d



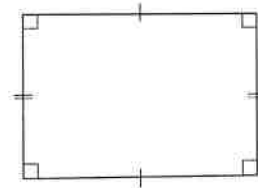
3. Which statement about the triangle is true?

- a) It has one right angle.
- b) It is an acute triangle.
- c) It has no equal sides.
- d) It has three equal sides.
- e) Both b and c



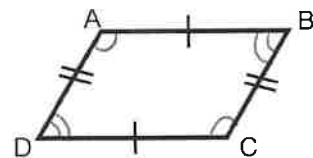
4. Which statement about the shape to the right is true?

- a) It has one pair of parallel sides.
- b) It has an obtuse angle.
- c) It has only two right angles.
- d) It does not have any acute angles.



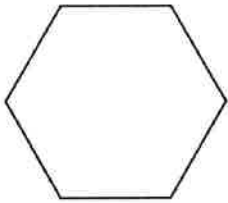
5. Which statement about the shape to the right is true?

- a) It has no equal angles.
- b) Each side has a different length.
- c) There are two sets of parallel sides.
- d) It is a rhombus.

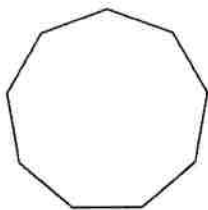


Label each polygon below – copy the label correctly from this list: decagon, dodecagon, heptagon, hexagon, nonagon, octagon, pentagon

6.



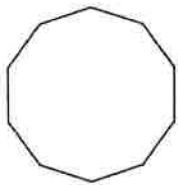
7.



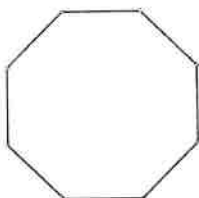
8.



9.



10.



11. Put an x in each box for the shapes that are parallelograms:

- ☐ pentagon
- ☐ rectangle
- ☐ rhombus
- ☐ circle
- ☐ square
- ☐ trapezoid

12. Fill in the blanks for the definitions of each type of triangle:

Isosceles triangles have _____ equal side(s) and _____ equal angle(s).

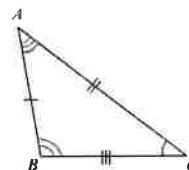
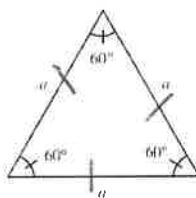
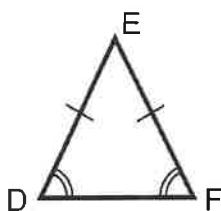
Equilateral triangles have _____ equal side(s) and _____ equal angle(s).

Scalene triangles have _____ equal side(s) and _____ equal angle(s).

13. A quadrilateral with two pairs of congruent sides and four congruent angles is a:

- a) square
- b) rectangle
- c) parallelogram
- d) rhombus

14. Draw a line to match each triangle to its correct name.



Equilateral triangle

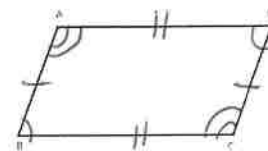
Isosceles triangle

Scalene triangle

Answer questions 15, 16, and 17 about the figure to the right:

15. The figure has _____ pairs of congruent lines (side lengths).

16. The figure has _____ pairs of congruent angles.

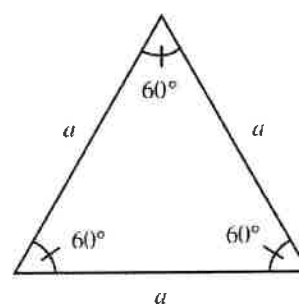


17. The figure is _____ polygon.
Write "**a regular**" or "**not a regular**" on the line above.

Answer questions 18, 19, and 20 about the figure to the right:

18. The figure has _____ congruent lines (side lengths).

19. The figure has _____ congruent angles.



20. The figure is _____ polygon.
Write "**a regular**" or "**not a regular**" on the line above.

21. Describe the shape to the right using at least 4 words and/or phrases from the word bank.

angle	not a regular	rectangle	side
equal	pentagon	regular	triangle
hexagon	polygon	scalene	unequal

