

Geometry Handout 19.2A

Name _____
Period _____

Geometry Review: Questions in the True/False Format

For each of the following questions circle the correct response: "T" for True or "F" for False. If a statement is false, replace the underlined word to make the statement true.

1. T F A triangle with no equal sides is called isosceles. _____
2. T F AAA is a method for showing that two triangles are congruent. _____
3. T F An obtuse angle is less than 90° . _____
4. T F Two lines that intersect to form a right angle are parallel. _____
5. T F Angles in a linear pair are complementary. _____
6. T F It is **not** possible to draw a acute equilateral triangle. _____
7. T F The sum of the interior angles of a triangle is 360° . _____
8. T F A rectangle has 4 lines of symmetry. _____
9. T F SSA is a method for showing that two triangles are congruent. _____
10. T F An obtuse isosceles triangle has two obtuse angles in it. _____
11. T F A right isosceles triangle has two 90° angles in it. _____
12. T F A triangle with three equal sides is called isosceles. _____
13. T F A triangle with two equal sides is called equilateral. _____
14. T F Perpendicular lines never cross each other. _____
15. T F Vertical angles add up to 180° . _____
16. T F The two acute angles inside a right triangle are supplementary. _____
17. T F Consecutive angles are equal. _____
18. T F A square has 2 lines of symmetry. _____
19. T F Corresponding parts of congruent triangles are consecutive. _____
20. T F Complementary angles are two angles whose sum is 180° . _____
21. T F Supplementary angles are equal. _____
22. T F A linear pair is two angles whose sum is 90° . _____
23. T F The next number in the pattern 1, 3, 6, 10, is 11. _____
24. T F An octagon has 10 sides. _____
25. T F HH is a method for showing two right triangles are congruent. _____
26. T F A quadrilateral is any five-sided figure. _____
27. T F A triangle is a polygon. _____
28. T F A triangle is a kind of quadrilateral. _____
29. T F A trapezoid has one pair of parallel sides. _____
30. T F Perimeter is the distance around a figure. _____
31. T F A cube has twelve edges. _____