

WHAT YOU MUST KNOW IN MATH

1. Distance Formula _____
2. Midpoint Formula _____
3. Circle Equation _____
4. SOHCAHTOA _____
5. Sin _____
6. Cos _____
7. Tan _____
8. Perimeter (4 sides) _____
9. Area- Rectangle _____
10. Area- Triangle _____
11. Area- Parallelogram _____
12. Area- Circle _____
13. Area- Semicircle _____
14. Perimeter of circle _____
15. Volume for a rectangular solid _____
16. Pythagorean theorem _____
Where A&B are the _____ and C is the _____.
17. Angles measuring 90 _____
18. Angles measuring 180 _____
19. Lines that meet to form a right triangle are _____
20. Opposite angles formed by the intersection of two lines are _____
21. The point where two lines meet to form an angle is called the _____
22. Lines that run equidistance from one another and never meet are _____
23. A triangle in which two sides are equal and corresponding opposite angles are equal is an _____ triangle
24. a line from the center of a circle to the edge is the _____
25. a line from one edge of a circle to another that is NOT drawn through the center is called a _____
26. a line from one edge of a circle to another drawn through the center is the _____
27. an external line that touches one point on the edge of a circle is a _____
28. the formula for computing the number of degrees of the interior angles of any figure is _____
29. a line drawn from the center of a circle to the edge is the _____
30. a circle has _____ degrees
31. a right triangle has at least one angle that is _____ degrees
32. a triangle has _____ degrees
33. know all you can about the coordinate plane... there will be 4-6 questions on the ACT in reference to it