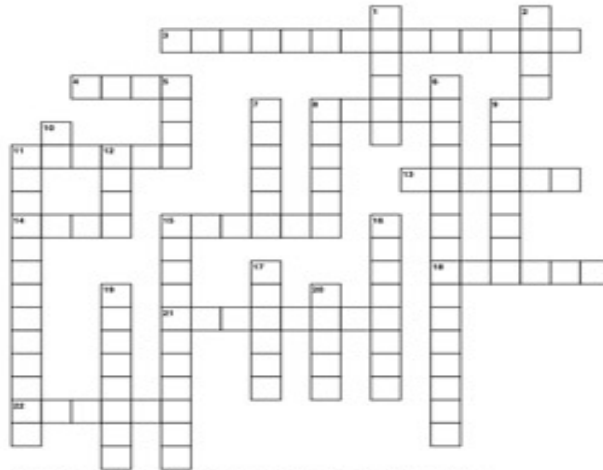




CIRCUMFERENCE, SURFACE AREA, VOLUME CROSSWORD PUZZLE



SOURCE: Rhythm, Rhyme, Results...the other 3 R's. www.educationalrap.com

ACROSS

- 3 The most common mathematical operation used in formulas
- 4 An object with all sides having equal length and height
- 8 Pi is called a 'constant' because it never changes
- 11 The formula is $2\pi r$.
- 13 $1/2$ of the length of a diameter
- 14 The formula for the surface area of this object contains a 6
- 15 The formula for finding the volume of this object contains the fraction $4/3$.
- 18 What 'T' stands for in a formula for the volume of a rectangle
- 21 One of two mathematical operations that are used to find the surface area of a rectangle or a cylinder
- 22 The point in a circle that a radius is drawn from

DOWN

- 1 A straight line that curves equally until it joins itself
- 2 An object that is a circle at one end and a point at the other
- 5 The radius of a circle extends from the center point to the _____
- 6 This is the only formula that does not contain a number or Pi.
- 7 A 3-dimensional circular object
- 8 The internal measurement or space that an object fills
- 9 One of two mathematical operations used in determining the volume of a cone
- 10 A constant that may be written as a symbol, number or word
- 11 The distance around a circle
- 12 A 3-dimensional object with one circle
- 15 The exterior or 'face' of an object
- 16 A 3-dimensional object with 2 circles
- 17 What 'h' stands for in a formula
- 19 A line that extends from one edge of a circle to the other, passing through the center
- 20 What 'w' stands for in the formula for a rectangle