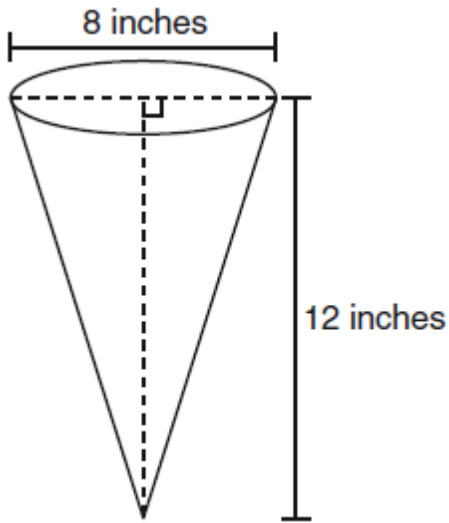


NAME: \_\_\_\_\_

*G.G.15: Apply the properties of a right circular cone, including: lateral area equals one-half the product of the slant height and the circumference of its base; volume is one-third the product of the area of its base and its altitude*

1. 060921ge, P.I. G.G.15

In the diagram below, a right circular cone has a diameter of 8 inches and a height of 12 inches.



What is the volume of the cone to the *nearest cubic inch*?

- [A] 804    [B] 201    [C] 603    [D] 481

*G.G.15: Apply the properties of a right circular cone, including: lateral area equals one-half the product of the slant height and the circumference of its base; volume is one-third the product of the area of its base and its altitude*

[1] B \_\_\_\_\_