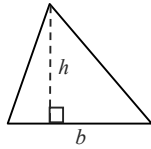


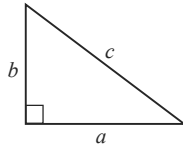
**Notes**

1. Choose the best answer choice of those provided. Be sure to fill in the corresponding circle on your answer sheet.
2. You may NOT use a calculator on this section.
3. If a problem includes a figure and does not state that the figure is NOT to scale, you may assume the figure provides a correct representation of the information in the problem.
4. The domain of any function  $f$  is the set of all real numbers  $x$  for which  $f(x)$  is a real number, unless otherwise stated.

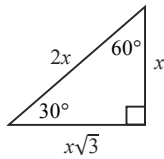
**Reference**



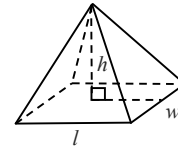
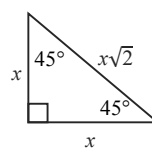
$$A = \frac{1}{2}bh$$



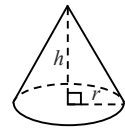
$$a^2 + b^2 = c^2$$



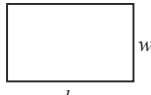
Special Triangles



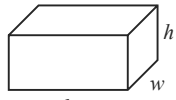
$$V = \frac{1}{3}lwh$$



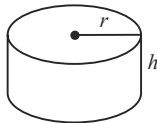
$$V = \frac{1}{3}\pi r^2 h$$



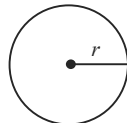
$$A = lw$$



$$V = lwh$$

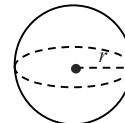


$$V = \pi r^2 h$$



$$A = \pi r^2$$

$$C = 2\pi r$$



$$V = \frac{4}{3}\pi r^3$$

- There are  $360^\circ$  in a circle.
- The sum of the angles in a triangle is  $180^\circ$ .
- The number of radians of arc of a circle is  $2\pi$ .