ANSWER PRESENTATION TOOL

Blue - Student Edition 8 2 - Exercises 1-2, 7-17 oc ALL EVEN ODD Show Solu

1. The height of a cone is the perpendicular distance from the base to the vertex.

2. Both formulas are $\frac{1}{3}Bh$, but the base of a cone is always a circle.

7. $\frac{2\pi}{3} \approx 2.1 \text{ ft}^3$

9. $\frac{147\pi}{4} \approx 115.5 \text{ yd}^3$

11. $\frac{125\pi}{6} \approx 65.4 \text{ in.}^3$

13. The diameter was used instead of the radius;

$V = \frac{1}{3}(\pi)(1)^2(3) = \pi \text{ m}^3$

15. 1.5 ft

17. $2\sqrt{\frac{10.8}{4.2\pi}} \approx 1.8 \text{ in.}$

21. $3y$