

## HW 6-8 Answers

\* You are ONLY required to complete #2, 3, 7, 8 & 10. ALL other questions will be for EXTRA CREDIT. You MUST show all work to receive credit on this assignment. Answers are provided for your reference.  
★ = Required.

### Answers

- 1)  $587 \text{ in}^2$
- ★ 2)  $168 \text{ m}^2$
- ★ 3)  $870 \text{ cm}^2$
- 4)  $172 \text{ cm}^2$
- 5)  $10.388$  or  $10.4 \text{ m}^2$
- 6)  $665 \text{ m}^2$
- ★ 7)  $897 \text{ in}^3$
- ★ 8)  $120 \text{ m}^3$
- 9)  $450 \text{ in}^3$
- ★ 10)  $972 \text{ m}^3$
- 11)  $900 \text{ in}^3$
- 12)  $280 \text{ yd}^3$
- 13)  $315 \text{ cm}^3$
- 14) - Answers may vary slightly.
- 15) -
- 16) B
- 17) C