

Study Guide
Unit 2 Checkpoint 2

1) $V_A = 4 \times 8 \times 6 = 192$
 $V_B = 5 \times 1 \times 8 = 40$
 232

2) $V_A = 2 \times 6 \times 4 = 48$
 $V_B = 4 \times 4 \times 2 = 32$
 80

3) $V_A = 3 \times 4 \times 9 = 108$
 $V_B = 8 \times 3 \times 4 = 96$
 204

4) $V_A = 8 \times 9 \times 4 = 288$
 $V_B = 7 \times 3 \times 2 = 42$
 330

5) $V_A = 4 \times 3 \times 2 = 24$
 $V_B = 2 \times 2 \times 2 = 8$
 32

6) ~~$V_A = 3 \times 3 \times 2 = 18$
 $V_B = 3 \times 1 \times 2 = 6$
 24~~
omit

7) $V_A = 6 \times 8 \times 9 = 432$
 $V_B = 6 \times 4 \times 9 = 216$
 648

8) $V_A = 4 \times 6 \times 3 = 72$
 $V_B = 4 \times 1 \times 6 = 24$
 96

9) $4 \times 5 \times 8 = 160$

10) $3 \times 8 \times 9 = 216$

1. 2320^3
2. 800^3
3. 2040^3
4. 3300^3
5. 200^3
6. 180^3
7. 6480^3
8. 960^3
9. 1600^3
10. 2160^3