

MA 15900 EXAM 1 ANSWER KEY -- FALL 2010

FORM A (Green)

1. 9 $x = \frac{51}{5}$
2. 5
3. 1
4. 5
5. 4
6. 2
7. 6
8. 5
9. 8
10. 4
11. No correct choice

$$r = -\frac{1}{3}h + \frac{1}{3\pi} \sqrt{\pi^2 h^2 + 3\pi S}$$
12. 7
13. 3
14. 2
15. 3
16. 8
17. 8

FORM B (Tan)

1. 6
2. 2
3. 5
4. 1
5. 9 $x = \frac{51}{5}$
6. 4
7. 5
8. No correct choice

$$r = -\frac{1}{3}h + \frac{1}{3\pi} \sqrt{\pi^2 h^2 + 3\pi S}$$
9. 4
10. 8
11. 5
12. 8
13. 8
14. 3
15. 7
16. 3
17. 2