

Answer Sheet

Dual Dig Level II

March 12, 2011

Name: _____

Name: _____

School: _____

1. $\frac{83}{2}$

2. -2

3. 3125

4. $88,573$

5. $\frac{1}{5} \ln a + \frac{1}{5} \ln b$

6. $3 \left(\cos \left(\frac{3\pi}{2} \right) + i \sin \left(\frac{3\pi}{2} \right) \right)$

7. $x = 4, x = -3, x = -\frac{1}{2}$

8. 0.2857

9. $x = -2, -1, 3 \pm \sqrt{13}$

10. No asymptotes

11. 73

12. $\frac{3}{8\pi}$

13. Yes

14. $3 f(x)$

15. 3574 years

16. $200\sqrt{3}$

17. $\frac{5}{2x-1} - \frac{4}{3x-1}$

18. 16 inches

19. $x = -1, y = 2$

20. 5040

Number Right

Number Wrong x 0.5 =

Score