

KEY
Dual Dig Level I
March 2, 2013

1.

$$\frac{1}{27}$$

2.

$$\frac{3}{5}$$

3.

$$100\%$$

4.

$$(x^2 + 3)(2x - 5)$$

5.

$$42 \text{ inches}$$

6.

$$R = \frac{6b}{2a - 3 - 5b}$$

7.

$$x + 4$$

8.

$$\frac{\pi}{2}x + 9x - 12 \text{ (in feet)}$$

9.

$$\$36$$

10.

$$\frac{3x + 5}{2x + 3}$$

KEY

11.

$$6 \text{ liters}$$

12.

$$-\frac{2}{(x + h + 1)(x + 1)}$$

13.

$$y = 2x^2 - 12x + 10$$

14.

$$2\pi \text{ in}^2$$

15.

$$-500$$

16.

$$\frac{120}{11} \text{ mph, or } 10\frac{10}{11} \text{ mph}$$

17.

$$46$$

18.

$$(3, 5, 7); \text{ can be reordered}$$

19.

$$\frac{2}{3}$$

20.

$$2004$$

Number Right
– Number Wrong $\times 0.5 =$
Score