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1. (201 ).  $\int_0^1 (x^2 + 1) dx = \left[ \frac{x^3}{3} + x \right]_0^1 = \frac{1}{3} + 1 = \frac{4}{3}$ .

2. (2010).  $\int_0^1 (x^2 + 1) dx = \left[ \frac{x^3}{3} + x \right]_0^1 = \frac{1}{3} + 1 = \frac{4}{3}$ .

3. (1 2).  $\int_0^1 (x^2 + 1) dx = \left[ \frac{x^3}{3} + x \right]_0^1 = \frac{1}{3} + 1 = \frac{4}{3}$ .

4. (2010).  $\int_0^1 (x^2 + 1) dx = \left[ \frac{x^3}{3} + x \right]_0^1 = \frac{1}{3} + 1 = \frac{4}{3}$ .

5. (1 0).  $\int_0^1 (x^2 + 1) dx = \left[ \frac{x^3}{3} + x \right]_0^1 = \frac{1}{3} + 1 = \frac{4}{3}$ .

6. (1 2).  $\int_0^1 (x^2 + 1) dx = \left[ \frac{x^3}{3} + x \right]_0^1 = \frac{1}{3} + 1 = \frac{4}{3}$ .

7.  $\int_0^1 (x^2 + 1) dx = \left[ \frac{x^3}{3} + x \right]_0^1 = \frac{1}{3} + 1 = \frac{4}{3}$ .

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