
9. The graph of $y = 3x^4 - 16x^3 + 24x^2 + 48$ is concave down for:

- A) $x < 0$ B) $x > 0$ C) $x < -2$ or $x > -\frac{2}{3}$ D) $x < \frac{2}{3}$ or $x > 2$ E) $\frac{2}{3} < x < 2$
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10. If $\int_a^b f(x) dx = a + 2b$, then $\int_a^b (f(x) + 5) dx =$ A) $a + 2b + 5$ B) $5b - 5a$
C) $7b - 4a$ D) $7b - 5a$ E) $7b - 6a$
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