

18. Solve: $3x(x - 4)(3x + 5) = 0$

- A) $4, -\frac{5}{3}$ B) $-4, -\frac{5}{3}, 3, 0$ C) $-\frac{5}{3}, 4, 0$
 D) $4, -5, 0$ E) NOTA

19. One of the solutions of the equation: $3x^2 + 11x = 4$ is

- A) 0 B) $-\frac{11}{3}$ C) 4 D) $\frac{1}{3}$ E) NOTA

20. Simplify: $(3cd^6)^3(cd)^4$

- A) $27c^7d^{10}$ B) $27c^7d^{13}$ C) $9c^7d^{22}$
 D) $27c^{12}d^{72}$ E) $27c^7d^{22}$

21. Simplify: $(4c^4 + 1)(c - 3) + (2c^4 + 5c^3)$

- A) $6c^4 + 2c^3 - 4$ B) $6c^4 - 2c^3 + 4$ C) $6c^4 - 2c^3 - 2$
 D) $2c^4 - 2c^3 - 2$ E) $4c + 4$

22. The number ten is raised to a power between 0 and 1. The answer has to be between which two numbers?

- A) 0 and 1
 B) 1 and 10
 C) 10 and 100 but not 5
 D) 0 and 100 but not 50
 E) -10 and 0

23. Which of the following is the least?

- A) .27 B) $\frac{1}{4}$ C) $\frac{3}{8}$ D) $\frac{2}{11}$ E) 11%

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