

Trig Review Quiz 29

Name: _____

- _____1. $\sum_{n=-2}^3 2-n$?
A. 9 B. 11 C. 12 D. 13
- _____2. If the discriminant value in the quadratic equation comes up to be a negative number, how many solutions exist?
A. 0 B. 1 C. 2 D. 3
- _____3. $|x-1| > 5$
A. $x > 6$ or $x < -4$ B. $-4 < x < 6$
C. $x > -4$ or $x < 6$ D. $-4 > x > 6$
- _____4. There are 20 people in a classroom. I must pick 4 of them to go with me to the movies. How many different ways could I chose the 4 students?
A. 120 B. 4845 C. 9020 D. 116,280
- _____5. What does $[6, \infty)$ mean?
A. $y > 6$ B. $y < 6$ C. $y \geq 6$ D. $y \leq 6$
- _____6. Simplify $\sqrt[3]{x^4 y^{10}}$
A. $xy^4 \sqrt[3]{xy}$ B. $xy^3 \sqrt[3]{xy^2}$ C. $xy^3 \sqrt[3]{xy}$ D. $xy \sqrt[3]{y}$
- _____7. Simplify $2(2n-4) - (6n-2)$
A. $-2n-10$ B. $-2n-6$ C. $2n-10$ D. None of the above
- _____8. Perform the following division $n-2 \overline{)n^2+3n-1}$
A. $n+5 + \frac{-11}{n-2}$ B. $n+5 + \frac{9}{n-2}$ C. $n+1 + \frac{1}{n-2}$ D. $n+1 + \frac{-3}{n-2}$
- _____9. Which is the equation that is parallel to $y = 5x - 2$?
A. $5x - y = 4$ B. $5x - 2y = 3$ C. $5x + y = 6$ D. $-5x - y = -6$
- _____10. What is the slope from $(n, 6)$ to $(n+2, 7)$?
A. 1 B. $\frac{1}{2}$ C. 0 D. 2