ZiloAcademy

✨ Grade 10 Maths — Mathematical Reasoning & Proof ✨

Name: Demo **Date:** 26/11/2026

1. True or false: Every prime number is odd.

2. The sum of three consecutive integers is 396. Using n + (n + 1) + (n + 2) = 3n + 3, find the largest of the three.

3. The sum of three consecutive integers is -591. Using n + (n + 1) + (n + 2) = 3n + 3, find the largest of the three.

4. The sum of four consecutive integers is 382. Using n + (n + 1) + (n + 2) + (n + 3) = 4n + 6, find the largest of the four.

5. The sum of four consecutive integers is -6. Using n + (n + 1) + (n + 2) + (n + 3) = 4n + 6, find the largest of the four.

6. The sum of four consecutive integers is 186. Using n + (n + 1) + (n + 2) + (n + 3) = 4n + 6, find the largest of the four.

7. The sum of four consecutive integers is 302. Using $n + (n + 1) + (n + 2) + (n + 3) = 4n + 6$, find the largest of the four.

8. True or false: The sum of two odd numbers is always even.

9. The sum of three consecutive integers is 744. Using $n + (n + 1) + (n + 2) = 3n + 3$, find the largest of the three.

10. The sum of three consecutive integers is 285. Using $n + (n + 1) + (n + 2) = 3n + 3$, find the largest of the three.