Subject: Mathematics

Total Marks: 35

1. 3 rais to 0 ?.

Marks: 1

2. If two or more points lie on the same line, they are called _____.

Marks: 2

3. What is the sum of angles in a hexagon?

Marks: 2

4. Solve for x: 2x + 5 = 15.

Marks: 2

5. Solve for x: 4(x - 2) = 3x + 5.

Marks: 2

6. What is the value of Pi?

Marks: 2

7. What is the area of a parallelogram with base 7 units and height 9 units?

Marks: 2

8. Find the surface area of a rectangular prism with dimensions 3 units by 5 units by 7 units.

Marks: 2

9. Calculate the area of an equilateral triangle with side length 10 units.

Marks: 2

10. Determine the perimeter of a rhombus with side length 9 units.

Marks: 2

11. Solve for x: 2(x + 3) = 4(x - 1).

Marks: 3

12. If the interior angles of a polygon add up to 1440 degrees, how many sides does the polygon have?

Marks: 3

13. Find the volume of a rectangular prism with dimensions 4 units by 6 units by 9 units.

Marks: 3

14. Construct a non-commutative ring with exactly 27 elements.

Marks: 5

15. 3 rais to 0 ?.

Marks: 1