

NAME: _____ Score _____/20

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION**

1. The formula for the area of a square with length x is _____.
2. The formula for the area of a parallelogram with base x and height y is _____.
3. The formula for the area of a rectangle with length x and width y is _____.
4. The formula for the perimeter of a rectangle with length x and width y is _____.
5. The formula for the volume of a rectangular solid of length a , width b , and height c is _____.
6. The formula for the area of a triangle with base b and height h is _____.
7. The formula for the area of a trapezoid with bases B and b and height h is _____.
8. The formula for the area of a circle with radius r is _____.
9. The formula for the circumference of a circle with radius r is _____.
10. The formula for the circumference of a circle with diameter d is _____.
11. The formula for the area of a circle with diameter d is _____.
12. The formula for the volume of a sphere with radius r is _____.
13. The formula for the volume of a cylinder with radius r and height h is _____.
14. The formula for the volume of a cone with radius r and height h is _____.
15. The formula for the distance d between two points (x_1, y_1) and (x_2, y_2) is _____.
16. The formula for the distance d traveled at a rate r in time t is _____.
17. The formula for the interest I earned by a principle P at a rate r for a time t is _____.
18. The Distributive Property: If a , b , and c are real numbers, then _____.
19. The Zero Factor Property: If a and b are real numbers and $ab = 0$, then _____.
20. The Transitive Property: If a , b , and c are real numbers such that $a = b$ and $b = c$, then _____.