

NAME: _____ Score _____/10

Please **print** your name

SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION

1. The formula for the volume of a cone with radius r and height h is _____.
2. The formula for the area of a circle with radius r is _____.
3. Write the equation of the line through the point $(3, k)$ with slope w . Your answer should be in slope-intercept form.
4. Find the midpoint of the line segment joining $(3,2)$ and $(5,7)$.
5. Write the equation of the circle with center $(3, 4)$ and radius 5.