

Name: _____

MATH 1500: Quiz 7.1-7.2

Evaluate. Round to the nearest hundredth.

1. $V = \frac{\pi D^2 H}{4}$ for: $D = 6.25 \text{ in}$, $H = 7.2 \text{ in}$, $\pi = 3.14$

2. $A = \frac{1}{2}h(b_1 + b_2)$ for: $h = 10 \text{ cm}$, $b_1 = 5 \text{ cm}$, $b_2 = 7 \text{ cm}$

Simplify.

3. $-(3 + 5f) + (11 - 4f)$

4. $2(3a - 5b + 6ab) - 8(2a + b - 4ab)$

5. $2xy - 6y + 7x - 9y - 3xy + 12x$