

Algebra Review Quiz Chapters 1-10 C

- _____ 1. Give the expression in simplest terms of the area of a rectangle whose width is 2 cm longer than its width?
- _____ 2. Simplify: $\sqrt{32}$
- _____ 3. If \$3500 is put into a savings account which yields $6\frac{1}{2}\%$, how much will be in the account in 30 years?
- _____ 4. $-(4n^2y^5)^2 =$
- _____ 5. What is $2x - 5y = 10$ in slope intercept form?
- _____ 6. What is the length of the diagonal of a room that is 8 meters by 6 meters?
- _____ 7. The parabola $y = x^2 + 2x - 8$ has one point at $(-3, -5)$ and another at $(1, -5)$. What is the axis of symmetry for this parabola?
- _____ 8. In how many ways can I put 10 people in order?
- _____ 9. $(3n^2 + 5n - 2)(4n^2 + 2n + 10) =$
- _____ 10. What is the perimeter of a square whose side is of length $5n^2 + 2n - 5$?