

Unit 8 Objective 6 Remediation

Zero Exponent Property

$$a^0 = 1$$

Anything (except 0) to the zero power is 1.

Examples

1. $8^0 = 1$
2. $x^0 = 1$
3. $2n^0 = 2 \cdot 1 = 2$
4. $-6p^0q^5 = -6 \cdot 1 \cdot q^5 = -6q^5$

Try These

- | | |
|----------------|----------|
| 1. $(-5)^0$ | 1. _____ |
| 2. m^0 | 2. _____ |
| 3. $7g^0$ | 3. _____ |
| 4. $-b^0$ | 4. _____ |
| 5. $5^0a^5b^0$ | 5. _____ |
| 6. $4x^3y^0z$ | 6. _____ |
| 7. -9^0x | 7. _____ |
| 8. $-6j^0k^0$ | 8. _____ |