

Name _____

Exponent Puzzle Answer Key

1. 5
2. 5
3. 6
4. b
5. 5
6. 5
7. 8
8. p
9. 6
10. q

Teacher's Guide

- Review each exponent property before students begin so they can connect the missing value to the correct rule.
- Encourage students to explain how they found each answer instead of guessing.
- Provide students who need support with a reference chart of common exponent properties.
- Challenge advanced students to write a matching equation for each completed answer using different exponents.
- Have pairs compare answers and identify which exponent property was used for each problem.
- Extend the activity by asking students to create three "missing exponent" equations for classmates to solve.