

Name _____

Factor Count Answer Key

- 1) 3
- 2) 2
- 3) 4
- 4) 6
- 5) 3
- 6) 5
- 7) 4
- 8) 2
- 9) 3
- 10) 6
- 11) 4
- 12) 5

Teacher's Guide

- Review that the exponent tells how many equal factors are being multiplied.
- Model one example by counting the repeated factors together before students begin.
- Encourage students to point to or lightly mark each factor as they count to avoid skipping one.
- Differentiate by giving students who need support shorter expressions with smaller exponents, while providing longer expressions for enrichment.
- Have pairs compare answers and explain how they determined each exponent using the number of repeated factors.
- Extend the activity by asking students to write three repeated multiplication expressions for a partner, leaving the exponent blank for them to complete.
- Reinforce vocabulary by having students identify both the base and the exponent after finding the missing exponent.