

Name _____

Decimal Boost Answer Key

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| 1. 7.2 | 7. 34.88 |
| 2. 23.2 | 8. 27.21 |
| 3. 7.5 | 9. 8.5 |
| 4. 15.45 | 10. 57.15 |
| 5. 14.28 | 11. 5.64 |
| 6. 3.36 | 12. 74.88 |

Teacher's Guide

- Begin by reviewing that students multiply as with whole numbers, then place the decimal point based on the number of decimal places in the decimal factor.
- Encourage students to estimate each answer before solving to check whether their final product is reasonable.
- Provide graph paper or place value charts for students who need help keeping digits aligned.
- Invite students to compare strategies with a partner after completing every four problems.
- Challenge early finishers to write a matching division equation for three of the products.
- Extend learning by asking students to create two original decimal-by-whole-number multiplication problems and solve them using the standard algorithm.
- Remind students to check their work by estimating or using the inverse operation when appropriate.