

Name _____

Conversion Table Answer Key

- | | |
|---------|-----------|
| 1) 6% | 7) 130% |
| 2) 0.15 | 8) 1.75 |
| 3) 40% | 9) 225% |
| 4) 0.68 | 10) 0.005 |
| 5) 99% | 11) 37.5% |
| 6) 1.05 | 12) 2.5 |

Teacher's Guide

- Quick implementation tips
 - o Review that decimals change to percents by multiplying by 100.
 - o Review that percents change to decimals by dividing by 100.
 - o Encourage students to check whether answers greater than 100% match decimals greater than 1.
- Differentiation strategies
 - o Allow students to use a place value chart if needed.
 - o Pair students so they can explain each conversion step to one another.
 - o Challenge advanced students to write each completed pair as an equivalent fraction.
- Engagement ideas
 - o Have students cover the Answer Key and compare answers with a partner before checking.
 - o Ask students to identify which table entries were the easiest and which required the most careful thinking.
- Extension activities
 - o Have students create four new decimal and percent pairs for a classmate to complete.
 - o Ask students to sort the completed values into less than 100%, equal to 100%, and greater than 100%.
 - o Challenge students to write a real-world example for one completed decimal and percent pair.