

Name _____

Percent To Decimal Answer Key

- | | |
|---------|-----------|
| 1) 0.05 | 7) 1.25 |
| 2) 0.18 | 8) 1.5 |
| 3) 0.40 | 9) 2.5 |
| 4) 0.75 | 10) 0.075 |
| 5) 0.92 | 11) 0.625 |
| 6) 1 | 12) 0.008 |

Teacher's Guide

- Quick implementation tips
 - o Remind students that converting a percent to a decimal means dividing by 100 or moving the decimal point two places to the left.
 - o Encourage students to estimate whether the decimal should be less than 1 or greater than 1 before solving.
 - o Review that 100% equals 1.
- Differentiation strategies
 - o Provide a place value chart for students who need extra support.
 - o Have students verbally explain how they moved the decimal point.
 - o Challenge advanced students to write each decimal as a fraction in simplest form.
- Engagement ideas
 - o Have students work with a partner to check answers and explain one conversion aloud.
 - o Turn the worksheet into a timed fluency challenge, focusing on accuracy first and speed second.
- Extension activities
 - o Ask students to create four new percent values, including one greater than 100% and one decimal percent, for a classmate to convert.
 - o Have students sort the decimals into two groups: less than 1 and greater than or equal to 1.
 - o Ask students to convert the decimals back into percents to check their work.