

Fact Checking Values Answer Key

1. True
2. False. $80\% = 0.8$
3. True
4. False. $0.07 = 7\%$
5. True
6. True
7. False. $0.9 = 90\%$
8. True
9. True
10. True

Teacher's Guide

- Quick implementation tips
 - o Review that converting a decimal to a percent means multiplying by 100.
 - o Review that converting a percent to a decimal means dividing by 100.
 - o Encourage students to check whether the value should be less than, equal to, or greater than 1 before deciding.
- Differentiation strategies
 - o Model the first statement together before independent work.
 - o Allow students to use a place value chart or conversion reference.
 - o Challenge advanced students to explain why each false statement is incorrect.
- Engagement ideas
 - o Have students hold up a card labeled "True" or "False" before discussing each answer.
 - o Let pairs compare corrections and explain their thinking.
- Extension activities
 - o Ask students to create three true statements and three false statements for a partner to solve.
 - o Have students rewrite every decimal as a fraction in simplest form.
 - o Ask students to sort the statements into values less than 100%, equal to 100%, and greater than 100%.