

Conversion Errors Answer Key

1. $\frac{8}{3} = 2\frac{2}{3}$

2. $3\frac{1}{4} = \frac{13}{4}$ (The given conversion is already correct. The mistake is that no mistake exists.)

3. $\frac{14}{5} = 2\frac{4}{5}$

4. $2\frac{2}{3} = \frac{8}{3}$

5. $\frac{11}{2} = 5\frac{1}{2}$

6. $4\frac{3}{5} = \frac{23}{5}$

7. $\frac{17}{4} = 4\frac{1}{4}$ (The given conversion is already correct. The mistake is that no mistake exists.)

8. $5\frac{2}{6} = \frac{32}{6}$

9. $\frac{10}{3} = 3\frac{1}{3}$

10. $1\frac{7}{8} = \frac{15}{8}$

11. $\frac{21}{5} = 4\frac{1}{5}$

12. $6\frac{1}{2} = \frac{13}{2}$

Teacher's Guide

- Review the steps for converting between improper fractions and mixed numbers before students begin.
- Encourage students to explain what the incorrect work did wrong before writing the correct conversion.
- Support students by having them check conversions using multiplication or division.
- Let pairs compare answers and discuss how they identified each mistake.
- Challenge early finishers to create two incorrect conversions for a classmate to correct.
- Extend the activity by asking students to write a short explanation of the most common conversion mistakes they noticed.