

Lesson 2 Skills Practice

Complex Fractions and Unit Rates

Simplify.

1. $\frac{\frac{1}{2}}{\frac{5}{5}}$ or $2\frac{1}{2}$

2. $\frac{\frac{4}{5}}{\frac{32}{5}}$ or $6\frac{2}{5}$

3. $\frac{\frac{4}{3}}{\frac{32}{3}}$ or $10\frac{2}{3}$

4. $\frac{\frac{10}{5}}{\frac{24}{12}}$

5. $\frac{\frac{8}{3}}{\frac{32}{3}}$ or $10\frac{2}{3}$

6. $\frac{\frac{1}{5}}{\frac{2}{7}}$

7. $\frac{\frac{2}{5}}{\frac{4}{9}}$ $\frac{9}{10}$

8. $\frac{\frac{8}{9}}{\frac{20}{45}}$

9. $\frac{\frac{5}{6}}{\frac{12}{72}}$

10. $\frac{\frac{3}{8}}{\frac{7}{12}}$ $\frac{9}{14}$

11. $\frac{\frac{7}{9}}{\frac{14}{18}}$ $\frac{1}{18}$

12. $\frac{\frac{6}{7}}{\frac{14}{15}}$ $\frac{45}{49}$

13. $\frac{\frac{8}{11}}{\frac{4}{5}}$ $\frac{10}{11}$

14. $\frac{\frac{30}{4}}{\frac{5}{7}}$ 42

15. $\frac{\frac{6}{7}}{\frac{21}{49}}$ $\frac{2}{49}$

16. $\frac{\frac{15}{7}}{\frac{5}{9}}$ 27

17. $\frac{\frac{1}{3}}{\frac{8}{9}}$ $\frac{3}{8}$

18. $\frac{\frac{2}{3}}{\frac{24}{25}}$ $\frac{25}{36}$