

EXTRA PRACTICE - Exercises

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Unit I – The Structure of Mathematics Part B – Further Investigation of Number Symbols Lesson 2– Fraction Forms and Decimal Forms

Find the equivalent form indicated for each of the following fractions.

1. $\frac{2}{3} = \frac{?}{15}$

2. $\frac{1}{2} = \frac{?}{54}$

3. $\frac{4}{1} = \frac{?}{12}$

4. $\frac{8}{7} = \frac{?}{49}$

5. $\frac{19}{9} = \frac{?}{18}$

6. $\frac{2}{3} = \frac{?}{39}$

7. $\frac{4}{3} = \frac{?}{51}$

8. $\frac{1}{3} = \frac{?}{27}$

9. $\frac{7}{5} = \frac{?}{75}$

Simplify each of the following fractions by rewriting them in factored form and finding all of the 1's you can.

10. $\frac{88}{50}$

11. $\frac{84}{63}$

12. $\frac{100}{50}$

13. $\frac{112}{168}$

14. $\frac{250}{75}$

15. $\frac{35}{25}$

16. $\frac{68}{51}$

17. $\frac{18}{45}$

18. $\frac{20}{48}$

19. $\frac{4}{2} \frac{9}{8} \frac{16}{15}$

20. $\frac{pqrs}{qrst}$

EXTRA PRACTICE — Answer Key

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Unit I – The Structure of Mathematics Part B – Further Investigation of Number Symbols **Lesson 2– Fraction Forms and Decimal Forms**

Find the equivalent form indicated for each of the following fractions.

1. $\frac{10}{15}$

2. $\frac{27}{54}$

3. $\frac{48}{12}$

4. $\frac{56}{49}$

5. $\frac{38}{18}$

6. $\frac{26}{39}$

7. $\frac{68}{51}$

8. $\frac{9}{27}$

9. $\frac{105}{75}$

Simplify each of the following fractions by rewriting them in factored form and finding all of the 1's you can.

10. $\frac{44}{25}$

11. $\frac{4}{3}$

12. 2

13. $\frac{2}{3}$

14. $\frac{10}{3}$

15. $\frac{7}{5}$

16. $\frac{5}{3}$

17. $\frac{2}{5}$

18. $\frac{5}{12}$

19. $\frac{12}{5}$

20. $\frac{p}{t}$