Name _____ Date _____ Class _____

LESSON 5

Number Theory and Fractions

Practice B: Equivalent Fractions

Find two equivalent fractions for each fraction.

1. $\frac{3}{6}$ _____

2. $\frac{4}{7}$ _____

3. $\frac{11}{13}$ _____

4. $\frac{2}{15}$ _____

5. $\frac{5}{14}$ _____

6. $\frac{8}{9}$ _____

7. $\frac{2}{21}$ _____

8. $\frac{24}{48}$ _____

9. $\frac{25}{100}$ _____

Find the missing numbers that make the fractions equivalent.

10. $\frac{4}{7} = \frac{?}{28}$ _____

11. $\frac{2}{9} = \frac{?}{54}$ _____

12. $\frac{36}{4} = \frac{?}{1}$ _____

13. $\frac{56}{8} = \frac{?}{2}$ _____

14. $1\frac{3}{5} = \frac{?}{25}$ _____

15. $1\frac{4}{7} = \frac{?}{42}$ _____

Write each fraction in simplest form.

16. $\frac{15}{25}$ _____

17. $\frac{8}{36}$ _____

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

19. $\frac{10}{24}$ _____

20. Billy had 24 trading cards. He gave 7 of his cards to Miko and 9 of his cards to Teri. What fraction of his original 24 cards does Billy have left? Write two equivalent fractions for that amount.

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21. Beth and Kristine ride their bikes to school in the morning. Beth has to ride $1\frac{7}{32}$ miles. Kristine has to ride $\frac{39}{32}$ miles. Who rides the farthest to reach school? Explain.

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