Name_____ Period_____ Date_____

Chapter 2 Part 2 Review

Find the prime factorization by making factor trees.
1. 550   2. 60   3. 99   4. 360

Three of the four fractions are equivalent. Which fraction is not equivalent to the others?

5. $\dfrac{45}{60}, \dfrac{9}{12}, \dfrac{3}{4}, \dfrac{6}{11}$ 6. $\dfrac{3}{7}, \dfrac{4}{11}, \dfrac{6}{14}, \dfrac{9}{21}$

Reduce the fractions.

7. $\dfrac{24}{52}$ 8. $\dfrac{20}{35}$ 9. $\dfrac{24}{48}$ 10. $\dfrac{9}{63}$

Find the greatest common factor.
11. 40 and 50   12. 18 and 16   13. 400 and 325

Find the decimal form of each fraction.

14. $\dfrac{3}{19}$ 15. $\dfrac{64}{20}$ 16. $\dfrac{2}{7}$

Order the numbers from least to greatest. Then, plot the numbers on a number line.

17. 0.2, 0.5, 0.25, 0.75, 1.75, 2.0   18. $\dfrac{3}{4}, \dfrac{1}{5}$, 1.6, 1.7, 0.4

Chapter 2 Part 2 Review

Find the prime factorization by making factor trees.

1. 550   2. 60   3. 99   4. 360

$\boxed{2\times5\times5\times11}$ $\boxed{2\times2\times3\times5}$ $\boxed{3\times3\times11}$ $\boxed{2\times2\times2\times3\times3\times5}$

Three of the four fractions are equivalent. Which fraction is not equivalent to the others?

5. $\dfrac{45}{60}, \dfrac{9}{12}, \dfrac{3}{4}, \dfrac{6}{11}$

6. $\dfrac{3}{7}, \dfrac{4}{11}, \dfrac{6}{14}, \dfrac{9}{21}$

$\boxed{\dfrac{6}{11}}$

$\boxed{\dfrac{4}{11}}$

Reduce the fractions.

7. $\dfrac{24}{52}$ 8. $\dfrac{20}{35}$ 9. $\dfrac{24}{48}$ 10. $\dfrac{9}{63}$

$\boxed{\dfrac{6}{13}}$ $\boxed{\dfrac{4}{7}}$ $\boxed{\dfrac{1}{2}}$ $\boxed{\dfrac{1}{7}}$

Find the greatest common factor.

11. 40 and 50   12. 18 and 16   13. 400 and 325

10   **2**   **25**

Find the decimal form of each fraction.

14. $\dfrac{3}{19}$ 15. $\dfrac{64}{20}$ 16. $\dfrac{2}{7}$

0.178   **3.2**   **0.286**

Order the numbers from least to greatest. Then, plot the numbers on a number line.

17. 0.2, 0.5, 0.25, 0.75, 1.75, 2.0

18. $\dfrac{3}{4}, \dfrac{1}{5}$, 1.6, 1.7, 0.4

0.2, 0.25, 0.5, 0.75, 1.75, 2.0

$\dfrac{1}{5}$**, 0.4,** $\dfrac{3}{4}$ **1.6, 1.7**