

M006- Practice Quiz II
Chapter 2

Name: _____

1. Use a fraction to represent the shaded portions.



1. _____

2. Name all the improper fractions.

$$\frac{1}{8}, \frac{6}{5}, \frac{4}{7}, \frac{6}{6}, \frac{3}{4}$$

2. _____

3. Write $8\frac{1}{9}$ as an improper fraction.

3. _____

4. Write $\frac{113}{8}$ as a mixed number.

4. _____

5. Find the factors of 48.

5. _____

Find the prime factorization of each number.

Write the answers using exponents.

6. 54

6. _____

7. 140

7. _____

8. 620

8. _____

Write each fraction in lowest terms.

9. $\frac{26}{48}$

9. _____

10. $\frac{24}{39}$

10. _____

Multiply or divide. Write the answer in lowest terms and as a mixed number or a whole number where possible.

11. $16 * \frac{3}{8}$

11. _____

12. $\frac{5}{6} + \frac{25}{36}$

12. _____

13. $\frac{20}{4} - \frac{5}{5}$

13. _____

14. Find the reciprocal of 7.

14. _____

15. Find the area of a rectangular picture frame

15. _____

measuring $\frac{5}{6}$ meter by $\frac{3}{4}$ meter.

16. If a 15-foot log is cut into pieces $\frac{2}{3}$ foot long, how many pieces will there be altogether?

16. _____

For Problems 17-21, first estimate the answer. Then either multiply or divide to find the exact answer. Write the answer as a mixed number.

17. $3\frac{1}{4} * 4\frac{5}{6}$

17. _____

18. $2\frac{1}{4} * 6\frac{2}{3}$

18. _____

19. $5\frac{2}{5} \div 2\frac{5}{8}$

19. _____

20. $\frac{4\frac{5}{7}}{5\frac{1}{4}}$

20. _____

21. Each serving of meat loaf contains $4\frac{1}{2}$ ounces of meat. How many ounces of meat are in 12 servings?

21. _____

22. In your own words, write a definition of a proper fraction. Give two examples of proper fractions.