

## **Gray Morris: Calculate with Confidence, 5th Edition**

### **Chapter 02: Fractions**

#### **Test Bank**

#### **COMPLETION**

1. Reduce the following fraction to lowest terms.

$$54/81 = \underline{\hspace{2cm}}$$

ANS:  $2/3$

MSC: Practice Problems

2. Reduce the following fraction to lowest terms.

$$105/135 = \underline{\hspace{2cm}}$$

ANS:  $7/9$

MSC: Practice Problems

3. Reduce the following fraction to lowest terms.

$$39/65 = \underline{\hspace{2cm}}$$

ANS:  $3/5$

MSC: Practice Problems

4. Change the following improper fraction to a whole or mixed number.

$$325/16 = \underline{\hspace{2cm}}$$

ANS:  $20 \frac{5}{16}$

MSC: Practice Problems

5. Change the following improper fraction to a whole or mixed number.

$$1500/100 = \underline{\hspace{2cm}}$$

ANS: 15

MSC: Practice Problems

6. Change the following improper fraction to a whole or mixed number.

$$193/62 = \underline{\hspace{2cm}}$$

ANS:  $3 \frac{7}{62}$

MSC: Practice Problems

7. Change the following mixed number to an improper fraction.

$$12 \frac{1}{8} = \underline{\hspace{2cm}}$$

ANS: 97/8

MSC: Practice Problems

8. Change the following mixed number to an improper fraction.

$$29 \frac{2}{3} = \underline{\hspace{2cm}}$$

ANS: 89/3

MSC: Practice Problems

9. Perform the indicated operation and reduce to lowest terms.

$$\frac{1}{12} + \frac{6}{12} + \frac{5}{12} = \underline{\hspace{2cm}}$$

ANS: 1

MSC: Practice Problems

10. Perform the indicated operation and reduce to lowest terms.

$$\frac{3}{8} - \frac{1}{3} = \underline{\hspace{2cm}}$$

ANS: 1/24

MSC: Practice Problems

11. Perform the indicated operation and reduce to lowest terms.

$$\frac{4}{5} \times \frac{5}{16} = \underline{\hspace{2cm}}$$

ANS: 1/4

MSC: Practice Problems

12. Perform the indicated operation and reduce to lowest terms.

$$\frac{1}{12} \times \frac{1}{15} = \underline{\hspace{2cm}}$$

ANS: 1/180

MSC: Practice Problems

13. Perform the indicated operation and reduce to lowest terms.

$$\frac{3}{5} \div 5 = \underline{\hspace{2cm}}$$

ANS: 3/25

MSC: Practice Problems

14. Perform the indicated operation and reduce to lowest terms.

$$\frac{1}{100} \div \frac{1}{200} = \underline{\hspace{2cm}}$$

ANS: 2

MSC: Practice Problems

15. Indicate which fraction is the largest.

$1/100$ ,  $1/150$ ,  $1/200$ : \_\_\_\_\_

ANS:  $1/100$

MSC: Practice Problems

16. Arrange the following fractions from smallest to largest.

$1/6$ ,  $1/5$ ,  $1/8$ ,  $1/4$ ,  $1/3$ : \_\_\_\_\_

ANS:  $1/8$ ,  $1/6$ ,  $1/5$ ,  $1/4$ ,  $1/3$

MSC: Practice Problems

17. Perform the indicated operation with fractions. Reduce to lowest terms as indicated.

$1/5 + 1/2 + 1/4 =$  \_\_\_\_\_

ANS:  $19/20$

MSC: Practice Problems

18. Perform the indicated operation with fractions. Reduce to lowest terms as indicated.

$16 \frac{5}{6} - 14 \frac{3}{8} =$  \_\_\_\_\_

ANS:  $2 \frac{11}{24}$

MSC: Practice Problems

19. Perform the indicated operation with fractions. Reduce to lowest terms as indicated.

$6 \frac{10}{12} \times 15/3 =$  \_\_\_\_\_

ANS:  $34 \frac{1}{6}$

MSC: Practice Problems

20. Perform the indicated operation with fractions. Reduce to lowest terms as indicated.

$56 \div 9/20 =$  \_\_\_\_\_

ANS:  $124 \frac{4}{9}$

MSC: Practice Problems

21. Indicate the largest number in the following set.

$5/6$ ,  $5/8$ : \_\_\_\_\_

ANS:  $5/6$

MSC: Practice Problems

22. Indicate the largest number in the following set.

$\frac{1}{30}$ ,  $\frac{1}{4}$ ,  $\frac{1}{150}$ : \_\_\_\_\_

ANS:  $\frac{1}{4}$

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23. Reduce the following fraction to lowest terms.

$\frac{34}{102} =$  \_\_\_\_\_

ANS:  $\frac{1}{3}$

MSC: Practice Problems

24. Reduce the following fraction to lowest terms.

$\frac{60}{1200} =$  \_\_\_\_\_

ANS:  $\frac{1}{20}$

MSC: Practice Problems

25. Express the following improper fraction as a mixed number. Reduce to lowest terms.

$\frac{24}{18} =$  \_\_\_\_\_

ANS:  $1 \frac{1}{3}$

MSC: Practice Problems

26. Express the following improper fraction as a mixed number. Reduce to lowest terms.

$\frac{15}{13} =$  \_\_\_\_\_

ANS:  $1 \frac{2}{13}$

MSC: Practice Problems

27. Change the following mixed number to an improper fraction.

$9 \frac{1}{9} =$  \_\_\_\_\_

ANS:  $\frac{82}{9}$

MSC: Practice Problems

28. Change the following mixed number to an improper fraction.

$6 \frac{7}{10} =$  \_\_\_\_\_

ANS:  $\frac{67}{10}$

MSC: Practice Problems