

Name: Key

Class: \_\_\_\_\_

Date: \_\_\_\_\_

## Course 2 - Unit 1 EXAM

### Multiple Choice

Identify the choice that best completes the statement or answers the question.

Find the sum.

1.  $\frac{7}{12} + \frac{5}{3}$

a.  $2\frac{1}{4}$

b.  $\frac{4}{5}$

c.  $2\frac{3}{4}$

d.  $\frac{1}{3}$

2.  $13\frac{2}{4} + 3\frac{1}{8}$

a.  $16\frac{1}{6}$

b.  $16\frac{5}{8}$

c.  $16\frac{3}{32}$

d.  $16\frac{1}{4}$

3. A bread recipe calls for  $1\frac{1}{4}$  cups of white flour and  $1\frac{1}{3}$  cups of whole wheat flour. What is the total amount of flour needed?

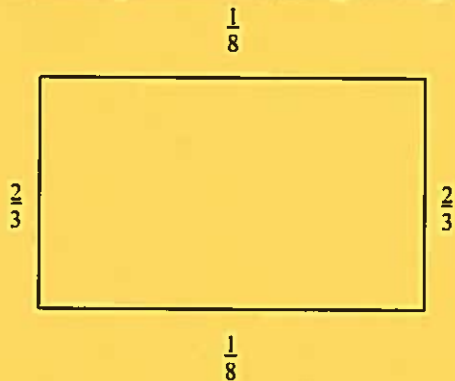
a.  $2\frac{1}{6}$  cups

b.  $2\frac{7}{12}$  cups

c.  $2\frac{2}{7}$  cups

d.  $2\frac{1}{7}$  cups

4. Find the perimeter of the figure. Objects not necessarily drawn to scale.



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

b.  $1\frac{7}{12}$

c.  $\frac{19}{24}$

d.  $\frac{6}{11}$

# Key!

Find the difference.

5.  $\frac{5}{8} - \frac{1}{4}$

a. 1

b.  $\frac{1}{8}$

c.  $\frac{3}{8}$

d.  $1\frac{1}{8}$

6.  $11\frac{5}{8} - 3\frac{6}{4}$

a.  $13\frac{7}{8}$

b.  $7\frac{15}{16}$

c.  $7\frac{1}{8}$

d.  $7\frac{7}{8}$

Find the product.

7.  $10 \cdot \frac{2}{5}$

a.  $10\frac{2}{5}$

b. 4

c. 2

d. 20

8. Find the area of a rectangle with length  $5\frac{3}{5}$  and width  $1\frac{4}{7}$ .

a.  $9\frac{1}{5}$

b.  $7\frac{9}{10}$

c.  $8\frac{4}{5}$

d.  $8\frac{1}{9}$

Find the quotient.

9.  $12\frac{1}{3} \div 4\frac{2}{4}$

a.  $\frac{27}{74}$

b.  $55\frac{1}{2}$

c.  $2\frac{20}{27}$

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

10.  $16 \div \frac{1}{3}$

a.  $\frac{1}{48}$

b. 48

c.  $5\frac{1}{3}$

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

11. Melanie has a piece of cloth  $10\frac{2}{3}$  yd long. How many  $1\frac{1}{3}$ -yd pieces can be cut from the cloth?

a. 9 pieces

b. 7 pieces

c. 10 pieces

d. 8 pieces

12.  $-8 + |-17|$

a. -9

b. 23

c. 9

d. -23

13.  $-13 + -6$

a. 19

b. -7

c. 7

d. -19

14.  $16 + -6$

a. 10

b. -10

c. 22

d. -22

15.  $8 - 24 \div 8 + 6 \times (-2)$

a. -8

b. -22

c. 7

d. -7

Write the fraction as a decimal.

16.  $\frac{5}{6}$

a. 0.93

b.  $0.8\overline{333}$

c.  $0.8\overline{3}$

d.  $0.81\overline{25}$

17.  $\frac{2}{7}$

a. 0.3

b.  $0.28\overline{5}$

c.  $0.3\overline{3}$

d.  $0.1\overline{25}$

Simplify.

18.  $2^2 \cdot (3 - 4^2)$

a. -20

b. -52

c. 4

d. -4

19. Frank has a batting average of .255. Write this decimal as a fraction in simplest form.

a.  $\frac{49}{200}$

b.  $\frac{1}{4}$

c.  $\frac{13}{50}$

d.  $\frac{51}{200}$

Compare. Use  $<$ ,  $>$ , or  $=$ .

20.  $\frac{1}{3}$   $\blacksquare$   $\frac{4}{6}$

a.  $<$

b.  $=$

c.  $>$

KEY!

