

016 Practice test 2

Add and reduce to lowest terms:

$$\frac{6}{5} + \frac{3}{8}$$

$$\frac{5}{16} + \frac{1}{12}$$

$$\frac{6}{5} + \frac{11}{15}$$

$$\frac{5}{16} + \frac{1}{8}$$

Subtract and reduce to lowest terms:

$$\frac{5}{9} - \frac{2}{9}$$

$$\frac{7}{8} - \frac{3}{4}$$

$$\frac{11}{27} - \frac{2}{9}$$

$$\frac{5}{6} - \frac{2}{9}$$

Convert to a mixed numeral:

$$\frac{7}{3}$$

$$\frac{27}{4}$$

$$\frac{63}{5}$$

$$\frac{7}{2}$$

Convert to fraction notation:

$$7\frac{1}{2}$$

$$8\frac{3}{8}$$

$$4\frac{1}{3}$$

$$10\frac{5}{7}$$

Add. Write a mixed numeral for the answer:

$$5\frac{3}{5} + 4\frac{4}{5}$$

$$8\frac{1}{3} + 2\frac{2}{5}$$

$$5\frac{5}{6} + 4\frac{5}{6}$$

$$2\frac{3}{4} + 5\frac{1}{2}$$

Multiply. Write a mixed numeral for the answer:

$$6 \times 2\frac{2}{3}$$

$$5\frac{1}{4} \times \frac{2}{3}$$

$$2\frac{2}{5} \times 1\frac{1}{10}$$

$$2\frac{2}{5} \times 1\frac{1}{4}$$

Divide. Write a mixed numeral for the answer:

$$27 \div 2\frac{1}{4}$$

$$2\frac{2}{5} \div 1\frac{7}{10}$$

$$3\frac{1}{4} \div 26$$

$$4\frac{1}{5} \div 4\frac{2}{3}$$

Write in fraction notation:

0.09

4.15

.001

1.0005

Write in decimal notation:

$$\frac{25}{100}$$

$$3\frac{1}{10}$$

$$\frac{36}{10}$$

$$\frac{125}{1000}$$

Add: 1.025 + 25.255

.02 + .21

25.3 + 5.88

5.23 + 98.069

Subtract: 8.29 - 7.25

35.2 - 35.12

Multiply: 48×0.27 0.174×0.83 100×3.14

Divide: $\frac{8}{.02}$ $\frac{23.6}{100}$ $\frac{315}{.001}$

If 5 oranges cost \$2.00, how much is one orange?

If you earn \$12.50 per hour, how much do you make in 8 hours?

If you drink 2.5 cups of coffee per day, how many cups of coffee do you drink in two weeks?

If 24 ounces of tea costs \$4.00, what is the price per ounce?

In 6 hours a plane can travel 5000 km. How far can it travel in an hour and a half?

Add: $2 + (-4)$ $-12 + (-18)$ $-3 + (-8) + 5$

Subtract: $5 - 16$ $-8 - 10$ $5 - 9 - (-11)$