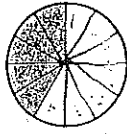


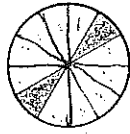
Review Exercises

1. What fraction is the colored part of the whole circle?

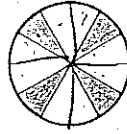
a)



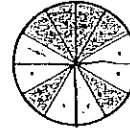
b)



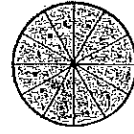
c)



d)



e)



2. What fraction of the letters of the alphabet are in the word

a) boy? b) girl? c) holidays?

3. Write as a fraction of an hour in simplest form.

a) 40 min b) 2 min c) 1 h 15 min

4. In a class of 33 students, 10 walk to school, 8 ride the city bus, and the rest ride a school bus. Estimate the fraction of the class that

a) walk to school b) ride the school bus
c) ride a bus to school

6. Simplify.

a) $\frac{3}{5} + \frac{1}{10}$

b) $\frac{3}{4} + \frac{7}{12}$

c) $\frac{2}{3} + \frac{5}{6}$

d) $\frac{7}{8} + \frac{5}{12}$

e) $\frac{3}{8} + \frac{1}{4}$

f) $\frac{7}{15} + \frac{1}{6}$

g) $\frac{5}{9} + \frac{1}{2}$

h) $\frac{5}{9} + \frac{3}{15}$

7. Simplify.

a) $\frac{9}{10} - \frac{3}{5}$

b) $\frac{4}{5} - \frac{1}{2}$

c) $\frac{13}{15} - \frac{3}{5}$

d) $\frac{7}{8} - \frac{1}{4}$

e) $\frac{11}{5} - \frac{7}{10}$

f) $\frac{3}{2} - \frac{5}{6}$

g) $\frac{11}{8} - \frac{3}{4}$

h) $\frac{16}{15} - \frac{1}{2}$

8. Simplify.

a) $\frac{1}{2} + \frac{1}{8}$

b) $\frac{5}{6} - \frac{1}{2}$

c) $\frac{7}{9} + \frac{1}{6}$

d) $\frac{1}{5} + \frac{5}{6}$

e) $\frac{11}{12} - \frac{1}{4} - \frac{1}{8}$

f) $\frac{7}{20} + \frac{5}{12} - \frac{3}{5}$

g) $\frac{15}{16} - \frac{7}{12} - \frac{17}{48}$

h) $\frac{1}{24} - \frac{17}{36} + \frac{4}{9}$

9. Write as an improper fraction.

a) $3\frac{2}{3}$

b) $4\frac{3}{8}$

c) $9\frac{3}{4}$

d) $6\frac{4}{5}$

10. Write as a mixed number.

a) $\frac{13}{5}$

b) $\frac{17}{3}$

c) $\frac{24}{7}$

d) $\frac{32}{9}$

11. Find.

a) $\frac{1}{9}$ of \$27

b) $\frac{2}{3}$ of \$15

c) $\frac{5}{12}$ of \$132

d) $\frac{3}{7} \times \frac{14}{9}$

e) $\frac{5}{8} \times \frac{14}{10}$

f) $\frac{9}{10} \times \frac{15}{21}$

g) $\frac{7}{8} \times \frac{4}{3}$

h) $\frac{5}{6} \times \frac{3}{10}$

12. Divide.

a) $\frac{3}{5} \div \frac{2}{3}$

b) $\frac{3}{4} \div \frac{7}{12}$

c) $\frac{3}{8} \div 6$

d) $8 \div \frac{2}{3}$

e) $\frac{7}{8} \div \frac{3}{4}$

f) $\frac{9}{10} \div \frac{3}{5}$

g) $\frac{15}{16} \div \frac{3}{8}$

h) $\frac{21}{4} \div \frac{3}{2}$

14. Find the quotient.

a) $\frac{5}{6} \div \frac{10}{3}$

b) $\frac{9}{10} \div \frac{18}{25}$

c) $\frac{7}{12} \div \frac{49}{24}$

d) $\frac{17}{22} \div \frac{8}{11}$

e) $\frac{39}{46} \div \frac{26}{23}$

f) $\frac{51}{52} \div \frac{17}{13}$