

**QUESTION 1** Write the following as decimals.

a  $\frac{7}{10} =$  \_\_\_\_\_      b  $\frac{9}{10} =$  \_\_\_\_\_      c  $\frac{41}{10} =$  \_\_\_\_\_      d  $\frac{63}{10} =$  \_\_\_\_\_

e  $\frac{3}{100} =$  \_\_\_\_\_      f  $\frac{15}{100} =$  \_\_\_\_\_      g  $\frac{86}{100} =$  \_\_\_\_\_      h  $\frac{139}{100} =$  \_\_\_\_\_

i  $\frac{642}{1000} =$  \_\_\_\_\_      j  $\frac{835}{1000} =$  \_\_\_\_\_      k  $\frac{5637}{10000} =$  \_\_\_\_\_      l  $\frac{893}{10000} =$  \_\_\_\_\_

**QUESTION 2** Change to decimals.

a  $8 + \frac{9}{10} =$  \_\_\_\_\_      b  $16 + \frac{4}{100} =$  \_\_\_\_\_      c  $39 + \frac{3}{100} =$  \_\_\_\_\_

d  $15 + \frac{1}{100} =$  \_\_\_\_\_      e  $92 + \frac{3}{10} =$  \_\_\_\_\_      f  $125 + \frac{6}{10} =$  \_\_\_\_\_

g  $231 + \frac{36}{1000} =$  \_\_\_\_\_      h  $89 + \frac{1}{10} =$  \_\_\_\_\_      i  $57 + \frac{9}{10} =$  \_\_\_\_\_

**QUESTION 3** Change each fraction to a decimal.

a  $\frac{1}{10} =$  \_\_\_\_\_      b  $\frac{4}{10} =$  \_\_\_\_\_      c  $\frac{1}{100} =$  \_\_\_\_\_      d  $\frac{16}{100} =$  \_\_\_\_\_

**QUESTION 3** Which of the following are recurring decimals?

a  $\frac{3}{5}$  \_\_\_\_\_      b  $\frac{2}{3}$  \_\_\_\_\_      c  $5\frac{1}{8}$  \_\_\_\_\_

d  $\frac{7}{100}$  \_\_\_\_\_      e  $\frac{9}{18}$  \_\_\_\_\_      f  $\frac{5}{7}$  \_\_\_\_\_

g  $\frac{6}{7}$  \_\_\_\_\_      h  $\frac{1}{3}$  \_\_\_\_\_      i  $\frac{2}{9}$  \_\_\_\_\_

**QUESTION 4** Write the following as recurring decimals.

a  $\frac{1}{3} =$  \_\_\_\_\_      b  $\frac{2}{3} =$  \_\_\_\_\_      c  $\frac{1}{6} =$  \_\_\_\_\_

d  $\frac{5}{33} =$  \_\_\_\_\_      e  $\frac{9}{11} =$  \_\_\_\_\_      f  $\frac{4}{11} =$  \_\_\_\_\_

g  $\frac{4}{9} =$  \_\_\_\_\_      h  $\frac{8}{27} =$  \_\_\_\_\_      i  $\frac{3}{7} =$  \_\_\_\_\_

**QUESTION 1** Write the following as decimals.

- a  $\frac{7}{10} =$  \_\_\_\_\_      b  $\frac{9}{10} =$  \_\_\_\_\_      c  $\frac{41}{10} =$  \_\_\_\_\_      d  $\frac{63}{10} =$  \_\_\_\_\_
- e  $\frac{3}{100} =$  \_\_\_\_\_      f  $\frac{15}{100} =$  \_\_\_\_\_      g  $\frac{86}{100} =$  \_\_\_\_\_      h  $\frac{139}{100} =$  \_\_\_\_\_
- i  $\frac{642}{1000} =$  \_\_\_\_\_      j  $\frac{835}{1000} =$  \_\_\_\_\_      k  $\frac{5637}{10000} =$  \_\_\_\_\_      l  $\frac{893}{10000} =$  \_\_\_\_\_

**QUESTION 4** Express as decimals.

- a  $\frac{7}{7} =$  \_\_\_\_\_      b  $\frac{8}{50} =$  \_\_\_\_\_      c  $\frac{3}{5} =$  \_\_\_\_\_      d  $\frac{143}{100} =$  \_\_\_\_\_
- e  $\frac{67}{1000} =$  \_\_\_\_\_      f  $\frac{32}{20} =$  \_\_\_\_\_      g  $\frac{39}{50} =$  \_\_\_\_\_      h  $\frac{203}{100} =$  \_\_\_\_\_
- i  $\frac{493}{1000} =$  \_\_\_\_\_      j  $\frac{7}{500} =$  \_\_\_\_\_      k  $\frac{9}{250} =$  \_\_\_\_\_      l  $\frac{16}{50} =$  \_\_\_\_\_
- m  $\frac{31}{25} =$  \_\_\_\_\_      n  $\frac{9}{20} =$  \_\_\_\_\_      o  $\frac{215}{1000} =$  \_\_\_\_\_      p  $\frac{15}{500} =$  \_\_\_\_\_

**QUESTION 1** Write the following as fractions in simplest form.

- a 0.5 = \_\_\_\_\_      b 0.7 = \_\_\_\_\_      c 0.9 = \_\_\_\_\_      d 1.1 = \_\_\_\_\_
- e 0.39 = \_\_\_\_\_      f 0.031 = \_\_\_\_\_      g 0.359 = \_\_\_\_\_      h 0.07 = \_\_\_\_\_
- i 0.6 = \_\_\_\_\_      j 0.28 = \_\_\_\_\_      k 0.123 = \_\_\_\_\_      l 0.4 = \_\_\_\_\_
- m 0.001 = \_\_\_\_\_      n 0.008 = \_\_\_\_\_      o 0.09 = \_\_\_\_\_      p 0.003 = \_\_\_\_\_

**QUESTION 5** Express as a fraction in simplest form.

- a 0.08 = \_\_\_\_\_      b 0.04 = \_\_\_\_\_      c 0.05 = \_\_\_\_\_      d 0.06 = \_\_\_\_\_
- e 1.002 = \_\_\_\_\_      f 2.004 = \_\_\_\_\_      g 3.008 = \_\_\_\_\_      h 5.001 = \_\_\_\_\_
- i 12.01 = \_\_\_\_\_      j 18.02 = \_\_\_\_\_      k 43.06 = \_\_\_\_\_      l 92.08 = \_\_\_\_\_