Converting Tenths to Decimals

Show what you know about fractions in tenths and decimal numbers.

Name _____ **Date** _____

1 Write each fraction as a decimal.

Write one digit after the decimal point.

a $\frac{2}{10}$ = _____

b $\frac{9}{10}$ = _____

c $\frac{4}{10}$ = _____

d $\frac{3}{10}$ = _____

e $\frac{5}{10}$ = _____

f $\frac{1}{10}$ = _____

g $\frac{7}{10}$ = _____

h $\frac{8}{10}$ = _____

2 Shade the tenths, then write the decimal.

Shade each strip to show the fraction.

a $\frac{6}{10}$ of the strip ☐☐☐☐☐☐☐☐☐☐ Decimal _____

b $\frac{3}{10}$ of the strip ☐☐☐☐☐☐☐☐☐☐ Decimal _____

c $\frac{8}{10}$ of the strip ☐☐☐☐☐☐☐☐☐☐ Decimal _____

3 Think about tenths in real life.

Read each problem. Write the decimal amount.

A ribbon is divided into 10 equal parts. 7 parts are blue. What decimal of the ribbon is blue?

Decimal _____

A jug is filled to 4 tenths of its capacity. Write this amount as a decimal.

Decimal _____

Check your work: Have you written a decimal point in every answer?