Converting Fractions to Decimals

Convert each fraction carefully. Write your answers as decimals.

Name _____ **Date** _____

1 Write each fraction as a decimal

Complete all ten conversions.

1. $\frac{1}{2}$ = _____
2. $\frac{3}{4}$ = _____
3. $\frac{2}{5}$ = _____
4. $\frac{7}{10}$ = _____
5. $\frac{1}{4}$ = _____
6. $\frac{4}{5}$ = _____
7. $\frac{9}{10}$ = _____
8. $\frac{3}{5}$ = _____
9. $\frac{1}{5}$ = _____
10. $\frac{3}{10}$ = _____

2 Convert and order

Write each fraction as a decimal.

$\frac{1}{4}$ = _____ $\frac{3}{5}$ = _____ $\frac{1}{2}$ = _____ $\frac{4}{5}$ = _____

Now write the four decimals in order, from smallest to largest.

Smallest _____

Largest

3 Fractions in everyday measurements

Convert each fraction to a decimal measurement.

A ribbon is $\frac{3}{4}$ m long. Write its length as a decimal number of metres. Decimal: _____

A jug contains $\frac{2}{5}$ litre of water. Write the amount as a decimal number of litres. Decimal: _____

A runner has completed $\frac{7}{10}$ km. Write this distance as a decimal number of kilometres. Decimal: _____

A plant is $\frac{1}{}$ m tall. Write its height as a decimal number of metres. Decimal: