YEAR 3 · MATHS

Decimal and Fraction Equivalents

Matching and converting tenths

Name _____ **Date** _____

✦ Read each question carefully. Show your thinking where you can.

1 Match the pairs

Draw a line to match each decimal to its equivalent fraction.

DECIMALS	FRACTIONS
0.3	$\frac{6}{10}$
0.8	$\frac{3}{10}$
0.1	$\frac{9}{10}$
0.9	$\frac{8}{10}$
0.4	$\frac{1}{10}$
0.6	$\frac{4}{10}$

2 Complete the equivalent forms

Fill in each blank.

0.2 = $\frac{\quad}{10}$

$\frac{7}{10}$ = **0.**☐

0.5 = $\frac{\quad}{10}$

$\frac{2}{10}$ = **0.**☐

0.9 = $\frac{\quad}{10}$

$\frac{4}{10}$ = **0.**☐

3 Show the tenths

Shade the squares to show each fraction. Then write the decimal.

$\frac{3}{10}$ ☐☐☐☐☐☐☐☐☐☐ Decimal _____

$\frac{5}{10}$ ☐☐☐☐☐☐☐☐☐☐ Decimal _____

$\frac{8}{10}$ ☐☐☐☐☐☐☐☐☐☐ Decimal _____

Quick check: **How many tenths make one whole?** _____