Name: _____ Date: _____

Fraction and decimal pelmanism

Associate a fraction with division and calculate decimal fraction equivalents

You will need:
• scissors

You could time yourself to see how quickly you can collect all the equivalent pairs.

- Write the fractions and decimals for your Challenge level on the cards at the bottom of this sheet.
- Cut them out, shuffle them and lay them out face down on a table.
- Turn over two at a time.
- If they are equivalent, keep the cards.
- If they are not equivalent, turn them back over.
- Keep going until you have paired all the cards.

Challenge 1

$\frac{1}{2}, \frac{1}{4}, \frac{1}{5}, \frac{3}{4}, \frac{1}{10}, \frac{1}{8}, \frac{4}{10}, \frac{9}{10}$, 0·5, 0·25, 0·2, 0·75, 0·1, 0·125, 0·4, 0·9

Challenge 2

$\frac{3}{4}, \frac{2}{5}, \frac{3}{5}, \frac{4}{5}, \frac{3}{10}, \frac{7}{10}, \frac{2}{8}, \frac{5}{8}$, 0·75, 0·4, 0·6, 0·8, 0·3, 0·7, 0·25, 0·625

Challenge 3

$\frac{1}{3}, \frac{2}{3}, \frac{3}{4}, \frac{3}{5}, \frac{9}{10}, \frac{3}{8}, \frac{6}{8}, \frac{2}{8}$, 0·33, 0·66, 0·75, 0·6, 0·9, 0·375, 0·75, 0·25

Play the game with someone at home.