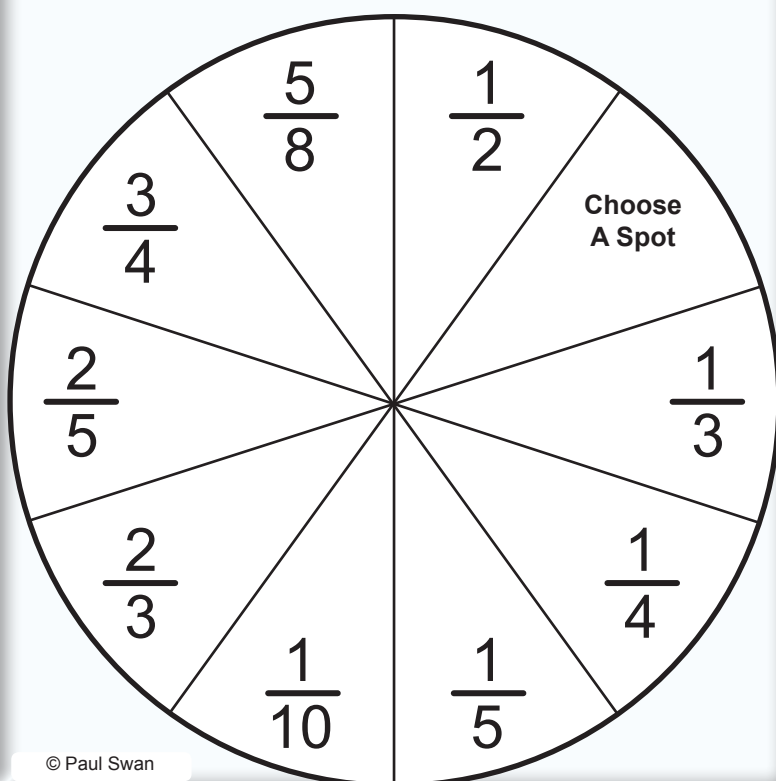


Fraction Decimal Percentage Match

50%	0.25	62.5%	$\frac{40}{100}$	0.20	$33\frac{1}{3}\%$
20%	0.4	$66\frac{2}{3}\%$	0.75	0.5	$\frac{10}{100}$
$0.\overline{33}$	0.75	50%	0.25	0.10	0.625
0.1	25%	75%	$0.\overline{66}$	62.5%	40%
$66\frac{2}{3}\%$	$\frac{5}{50}$	$\frac{75}{100}$	0.2	$33\frac{1}{3}\%$	0.625
25%	$\frac{4}{10}$	$0.\overline{33}$	10%	$0.\overline{66}$	$\frac{20}{100}$

Fraction Decimal Percentage Match



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Fraction Decimal Percentage Match

A game for two players.

Aim: To be the first player to place three counters next to each other, in a row, column or diagonal.

Materials Required: 36 transparent counters, 18 of one colour and 18 of another colour.

- Players take turns to flick the spinner and place a counter on the board that is equivalent to the fraction shown on the spinner.
- Play continues until one player has placed three counters, next to each other, in a row, column or diagonal.

Variation

- Play 4 in a row, column or diagonal.
- Allow a 'bump off' rule.

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Fraction Decimal Percentage Match

This fraction game is designed to help students link representations of fractions with the name of the fraction and the symbol representing the fraction. In this case fractions are linked to:

decimal fractions, that is, fractions where the denominator is 10, 100, 1000 (a power of 10), and

percentages, that is a fraction where the denominator is 100. The word percent, literally means out of every 100

Australian Curriculum Links

Yr 5 ACMNA102: Compare and order common unit fractions and locate and represent them on a number line.

Yr 6 ACMNA125: Compare fractions with related denominators and locate and represent them on a number line.

Teacher notes

The region model referred to in the first game in this series – Equivalent Fraction Match 1 is extended in this game. The example on the left shows the links between the model, name and symbols. Note that 0.7 is 7 tenths.

A base ten (MAB) flat is an ideal model for showing hundredths.

