

Adding Decimals within 1



1 or below: An activity for a group to use in class or intervention to help children's understanding of how to add decimals within 1.

Resources: You will need place value charts, counters, a range of number cards with decimal numbers up to three decimal places (ensure no two cards will total greater than 1), whiteboards and whiteboard pens.

Activity: Players 1 and 2 choose a number card each. Next, represent their numbers in the place value chart using counters and use formal methods to calculate.

Example:

Player 1: Picks 0.42.

Player 2: Picks 0.06.

Both: Generate the calculation $0.42 + 0.06$ and represent both numbers on their place value grid using counters.

Both: Add together their two decimal numbers using a formal method. Each correct calculation scores 1 point.