

Salute

Purpose

- To enhance students' fluency in recalling multiplication and division facts
- To strengthen students' ability to solve problems through understanding the inverse relationship between multiplication and division

Outcomes

NS2.3: Uses mental and informal written strategies for multiplication and division

MA2-6NA

PAS2.1: Generates, describes and records number patterns using a variety of strategies and completes simple number sentences by calculating missing values

MA2-8NA

Framework reference

To move students to M&D level 5

Materials

Decks of playing cards (Ace–10) or numeral cards (1–10)

Teaching point

If using playing cards, discard the picture cards and tell the students that the Ace represents the number one.

Activity outline

Organise the students into groups of three. Have a leader in each group hold the deck of cards face down and allow the other two players to each select a card from the deck without looking at it. On the leader's command of "Salute!" the players raise their cards to their foreheads, displaying the value of the card to the other player. The leader then mentally calculates and states the product of the two numbers on the cards. The players must then mentally calculate the numeral that is on their own card by dividing the stated total by the number on their opponent's card.

