THE BOTTLE CHALLENGE

Category: Problem Solving
Year Level: Any (aimed mainly at lower/middle secondary)
ADD: bottles.cat (Casio Education Website)
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Description: This challenge involves a 5 litre bottle and a 3 litre bottle, both without markings. The goal is to finish with 4 litres in the 5 litre bottle. The only way to do this is pour water between the bottles. You have access to as much water as you need.

Instructions: It is recommended that you read these points either before you start or keep them handy while you play.

- When the contents of one bottle are poured into the other, the excess (if there is any) will remain in the pouring bottle.

- You will be presented with a list of options (opposite), from which you have to remember the number that corresponds to the action you wish to take.

- After pressing EXE, you will be prompted to enter the number of the option that you choose.