



## Making Choices

### Problem Cards

Cut out these problem cards. Read each one carefully. Sort the problems into two sets:

- Problems you would solve using mental methods, including jottings.
- Problems you would solve using written methods.

Compare your decisions with a friend and discuss reasons for your choices and then calculate the answers.

David and Becky eat 25 grapes between them. David eats seven fewer grapes than Becky. How many grapes do they each eat?	Paul buys three books which each cost £5.99 and two books that cost £3.99. How much would they cost in total?
Two vans carry bricks to a building site. The first van carries 2452kg and the second carries 3576kg. How much do they carry altogether?	I'm thinking of two numbers. They are consecutive. If I add them together they equal 3135. What are the two numbers?
23 827 men attended a concert. 11 821 women attended the same concert. How many attended the concert?	A lesson starts at 9.50 and lasts 45 minutes. At what time does it finish?
Pam has £100 to spend on clothes. She buys three pairs of socks that cost £2.75 each. She buys a dress that costs £19.99 and two pairs of trousers that cost £28.95 each. Does she have enough money?	The lengths of the three sides of a triangle are 3.6m, 7.8m and 4.4m. What is its perimeter?
I think of a number, add 2.9 to it and get 7.5. What was my number?	John runs a race in 34 minutes and 46 seconds. The following week he runs the same race 2 minutes 24 seconds slower. What is his new time?