

# Using mental strategies to multiply

## Sheet 1

1. Solve these:

$$34 \times 10 \quad 34 \times 2 \quad 34 \times 3$$

2. Use your answers from question 1 to make it easy to solve these:

$$34 \times 5 \quad 34 \times 20 \quad 34 \times 4 \quad 34 \times 8 \quad 34 \times 6$$

3. Use similar strategies to solve the following:

$$62 \times 5$$

$$51 \times 20$$

$$43 \times 6$$

$$31 \times 4$$

$$26 \times 8$$

Note down what you did to find the answer to each question, e.g. 'Multiplied by 10 and then doubled'.

### Challenge

Does  $24 \times 30$  give the same answer as  $34 \times 20$ ? Make a prediction. Use mental strategies to solve each multiplication and test your prediction.