

Calculator quick

This activity, which requires the use of calculators, needs a measured pace. Pupils could respond using whiteboards or equivalent. An OHP calculator is useful for the follow-up discussion.

- Give a calculation, perhaps orally or revealed on the OHP. See the suggestions opposite.
- Pupils use their calculators to perform a quick calculation and write their solutions on whiteboards or equivalent.
- Ask a pupil to scribe a selection of the responses on the board.
- Encourage pupils to use arguments of approximation to confirm the correct answer.
- Discuss the key sequence for each calculation (perhaps demonstrated on the OHP calculator). Particular attention could be paid to key sequences which give incorrect solutions if these are common to a number of pupils.
- If the preceding points have not been lengthy, ask what other form the calculation could take in order to prompt the same key sequence.

Calculation

$$\frac{25}{4}$$

$$\frac{3}{7} \times 5$$

$$6 \div \frac{2}{9}$$

$$9 \times \frac{6}{7}$$

$$\frac{12}{3/4}$$

$$\frac{2}{5} \times \frac{3}{2}$$

$$\frac{3}{9} \div 5$$

$$\frac{7}{4} \times 6$$

$$18 \times \frac{9}{4}$$