

Investigation

Last digit specials

1. Use grid or short multiplication to calculate:

1×234

2×345

3×456

4×567

5×678

Write what you notice about the last digit of the answers

2. Use grid or short multiplication to calculate:

1×2345

2×3456

3×4567

4×5678

5×6789

Write what you notice about the last digit of the answers

3. Now consider these... Can you predict the last digits of the answers?

9×8765

8×7654

7×6543

6×5432

5×4321

4. Use grid or short multiplication to check your prediction.