Max's Bonfire Night Maths

1. 7 sparklers (1 mark)

Working: 4 + 3 = 7

Accept the correct total of 7.

2. 10p (1 mark)

Working: 20 - 10 = 10

Accept 10p or 10 pence.

3. 4 glow sticks (1 mark)

Working: 6 - 2 = 4

Accept the correct total of 4.

4. 10p (1 mark)

Working: 5 + 5 = 10

Accept 10p or 10 pence.

5. 17p (1 mark)

Working: 12 + 5 = 17

Accept 17p or 17 pence.

6. 2 coins (1 mark)

Look for: The child identifies that two 10p coins make 20p.

Good: 2 coins.

Better: You need 2 coins because 10 plus 10 is 20.

Best: You need 2 coins because two 10p coins make 20p in total.

What moves an answer up: Moving from just the number to explaining the addition of the coins shows deeper understanding.

What a secure answer looks like

A secure answer shows the child can correctly identify the operation (addition or subtraction) and calculate accurately within 20.

If your child is stuck

Ask the child to use physical coins or counters to represent the numbers before they write the sum down.

Common mistakes to watch for

Children may confuse the 'change' calculation (subtraction) with addition, or miscount when crossing the 10 boundary in addition.