



Year 2 Worksheet 7: Problem Solving and Reasoning

Level: Beginner

1. I have 3 apples and eat 1. How many left?
2. Use 2 numbers to make 10.
3. Match the sum to the picture.
4. Which coin is missing to make 10p?
5. Draw a clock showing 2 o'clock.
6. What number is missing: 5, __, 7?
7. Choose the object heavier than a book.
8. Circle the correct shape: has 3 sides.
9. Tick the group with more items.
10. How many legs on 2 cats?

[Use the space below to work out your answers. Show all your working.]



Year 2 Worksheet 7: Problem Solving and Reasoning

Level: Intermediate

1. Find 2 ways to make 15p.
2. You have '1. Spend 45p. What's left?
3. What shape am I? 4 sides, all same.
4. I start at 5 and count in 2s. What are the next 3 numbers?
5. Draw a bar model to solve $12 - 5$.
6. Which numbers total 20? 7, 8, 5, 6
7. Use tens and ones to make 34.
8. Complete the pattern: 3, 6, 9, ____
9. Circle the number closest to 50: 45, 60, 52
10. Estimate: how long is a pencil?

[Use the space below to work out your answers. Show all your working.]



Year 2 Worksheet 7: Problem Solving and Reasoning

Level: Difficult

1. Which coins can make 75p?
2. Share 12 stickers between 3 children.
3. I am a number. Double me is 40. What am I?
4. Solve: $3 \times 5 + 10 = ?$
5. Which shape fits: 3D, round, no edges?
6. A cake has 8 slices. You eat 3. What fraction is left?
7. Draw and complete a repeating pattern.
8. What is $\frac{1}{2}$ of 18?
9. If a toy costs '3.50, how much for 2?
10. What time is 1 hour after 10:30?

[Use the space below to work out your answers. Show all your working.]



Year 2 Worksheet 7: Problem Solving and Reasoning

Level: Super Challenging

1. I am a number. Half of me is 22. What am I?
2. Write a word problem using 5×4 .
3. A jug holds 2L. Half is poured out. How much is left?
4. Create your own maths puzzle about coins.
5. What 3 numbers total 50?
6. I think of a number. I add 10, then subtract 6. My answer is 24. What was my number?
7. A film starts at 3:15 and lasts 1 hour 30 mins. What time does it end?
8. What's $\frac{1}{4}$ of 28?
9. Draw a shape with 2 lines of symmetry.
10. Find all pairs of numbers that total 100.

[Use the space below to work out your answers. Show all your working.]