



Year 1 Worksheet 5: Investigations and Puzzles

Level: Beginner

1. What number am I? I come after 6 and before 8.
2. Match numbers that add to 10.
3. I am less than 5 and more than 2. What am I?
4. Colour the odd one out: 2, 4, 5, 6
5. Complete the number sentence: $3 + ? = 6$
6. Which group has fewer: A (3) or B (5)?
7. Solve: I am double 2.
8. Tick the pair that makes 7.
9. Which number is missing: __, 9, 10
10. Draw a pattern using shapes.

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



Year 1 Worksheet 5: Investigations and Puzzles

Level: Intermediate

1. What number makes this true: $? + 4 = 10$
2. Use 2 numbers to make 8.
3. Circle all the ways to make 5.
4. What's missing: 2, 4, __, 8
5. Create your own pattern using numbers.
6. Match numbers that total 15.
7. I am double 4. What number?
8. What is half of 10?
9. Solve: $2 + 3 + ? = 10$
10. Complete the pattern: red, blue, red, __

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



Year 1 Worksheet 5: Investigations and Puzzles

Level: Difficult

1. Use 3 numbers to make 12.
2. Fill in the missing: 5, __, 15, __, 25
3. I am 2 more than double 3. What am I?
4. Half of 18 is __?
5. What is 3 less than 20?
6. Complete the pattern: 2, 5, 8, __
7. I am a number between 35 and 40, and I'm even.
8. What is 10 more than 44?
9. Find the odd one: 21, 31, 41, 51, 60
10. Which numbers total 20? 6, 7, 8, 14

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



Year 1 Worksheet 5: Investigations and Puzzles

Level: Super Challenging

1. Double a number to get 18. What is it?
2. Use number facts to solve: $5 + ? + 3 = 13$
3. A pattern increases by 4: 4, 8, __, __
4. What's the next odd number after 37?
5. If $6 + ? = 14$, what is ?
6. Half of what number is 17?
7. Create your own number riddle for a friend.
8. Spot the error in the pattern: 10, 20, 25, 30
9. Use three odd numbers to total 21.
10. I am a number. Double me is 26. What number?

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