

## REVISION TEST

Do not  
write in  
this  
column

1. Look at the list of numbers below:

20          6                  15                  56                  54                  19

Complete the blanks below using a number from the list.

\_\_\_\_\_ is a multiple of 9

\_\_\_\_\_ is a factor of 36

\_\_\_\_\_ is a prime number

---

2. A square number can be added to a prime number to make 39. There are two ways of doing this. One is shown below.

$$36 + 3 = 39$$

What other square number can be added to a prime number to make 39?  
Fill in the blanks below.

$$\text{_____} + \text{_____} = 39$$

---

3. Look at the two calculations below. Complete each calculation by writing the correct number in the space below.

$$9^2 - 15 = \text{_____}$$

$$6^2 - 13.7 = \text{_____}$$

---

4. Look at the list of 5 numbers below:

125          12                  25                  32                  23

Complete the blanks below using a number from the list.

\_\_\_\_\_ is a square number

\_\_\_\_\_ is a cube number

\_\_\_\_\_ is a prime number

---

5. The cost of 202 lollipops is £150. What is the cost of 808 lollipops? Write your answer in the space below.

£ \_\_\_\_\_

---

6. I have saved 16 coins in my money box. My money box contains at least 2 of each of the following coins:

2p      5p      10p      20p      50p      £1

What is the greatest amount of money I could have in my money box?  
Write your answer in the space below.

£ \_\_\_\_\_

---

7. Look at the menu below:

Burger £2.65

Chips £1.90

Calculate the cost of 4 burgers and 3 chips. Write your answer in the space below.

£ \_\_\_\_\_

---

8. Sarah gets a magazine every week. It costs her £2.99 each month? How much in total does she pay for the magazines in 1 year. Write your answer in the space below.

£ \_\_\_\_\_

---

9. What are the values of **a** and **b** in the calculations below?

$$671 - \mathbf{a} = 385 \quad \mathbf{a} = \underline{\hspace{2cm}}$$

$$112 \div \mathbf{b} = 8 \quad \mathbf{b} = \underline{\hspace{2cm}}$$

---

10. Look at the three statements below.

$$\mathbf{x} + 17 = 35$$

$$\mathbf{y} \times 4 = 60$$

$$\mathbf{z} - 6 = 13$$

Which letter has the smallest value?                     

---

11. If  $x = 7$ ,  $y = 5$  and  $z = 6$

Solve the following equations:

$$\mathbf{x} + \mathbf{z} = \underline{\hspace{2cm}}$$

$$\mathbf{y}^2 = \underline{\hspace{2cm}}$$

$$\mathbf{z}^3 = \underline{\hspace{2cm}}$$

---

12. Use the information in the first statement below to complete the other statement.

$$\frac{1}{4} \text{ of } \mathbf{b} = 12$$

$$50\% \text{ of } \mathbf{b} = \underline{\hspace{2cm}}$$

$$\frac{1}{3} \text{ of } \mathbf{a} = 14$$

$$50\% \text{ of } \mathbf{a} = \underline{\hspace{2cm}}$$

---

13. Look at the table below for the number of dots in each pattern.

Pattern	1	2	3	4
Dots	1	4	9	16

How many dots will there be in:

Pattern 5 \_\_\_\_\_

Pattern 6 \_\_\_\_\_

Pattern 7 \_\_\_\_\_

Pattern 8 \_\_\_\_\_

14. Look at the table below for the number of tiles in each pattern.

Pattern	1	2	3	4
Tiles	1	3	6	10

How many tiles will there be in:

Pattern 5 \_\_\_\_\_

Pattern 6 \_\_\_\_\_

Pattern 7 \_\_\_\_\_

Pattern 8 \_\_\_\_\_

15. Look at the table below for the number of shaded tiles in each pattern.

Pattern	1	2	3	4
Shaded Tiles	3	6	9	12

How many shaded tiles will there be in:

Pattern 7 \_\_\_\_\_

Pattern 10 \_\_\_\_\_

How many more shaded tiles are in Pattern 50 than Pattern 46? \_\_\_\_\_