

Name: \_\_\_\_\_

November 29, 2022

# MATHS WORKSHEET

GENERATOR

11-PLUS  
SATS  
GCSES



Sr: 29112022-2922

1)  $27^{2/3}$

Answer: \_\_\_\_\_

2) Solve by factorising  
 $q^2 + 2q - 8 = 0$

Answer: \_\_\_\_\_

3) Solve by factorising  
 $j^2 + 3j - 4 = 0$

Answer: \_\_\_\_\_

4) Find the value of 's' by completing the square of the following equation:  $2 + 4s + 4$

Answer: \_\_\_\_\_

5) Solve by factorising  
 $d^2 - 3d - 4 = 0$

Answer: \_\_\_\_\_

6) What would you multiply by to increase an amount by 61%?

Answer: \_\_\_\_\_

7) What would you multiply by to increase an amount by 61%?

Answer: \_\_\_\_\_

8) Decrease 114 by  $3/38$

Answer: \_\_\_\_\_

9) Find the value of 'f' by completing the square of the following equation:  $2 + 8f + 16$

Answer: \_\_\_\_\_

10) What would you multiply by to decrease an amount by 86%?

Answer: \_\_\_\_\_

**Total: \_\_\_\_ / 10**

Name: \_\_\_\_\_

November 29, 2022

Sr: 29112022-2922

**MATHS WORKSHEET**  
GENERATOR



**11-PLUS**  
**SATS**  
**GCSES**



**Answers:**

- |        |                    |                    |                |                    |         |         |
|--------|--------------------|--------------------|----------------|--------------------|---------|---------|
| 1) 9   | 2) $q = 2$ or $-4$ | 3) $j = 1$ or $-4$ | 4) $(s + 2)^2$ | 5) $d = 4$ or $-1$ | 6) 1.61 | 7) 1.61 |
| 8) 105 | 9) $(f + 4)^2$     | 10) 0.14           |                |                    |         |         |