

Name: _____

November 29, 2022

MATHS WORKSHEET

GENERATOR

11-PLUS
SATS
GCSES



Sr: 29112022-2925

- 1) Solve by factorising
 $q^2 - 3q - 18 = 0$

Answer: _____

- 2) Solve by factorising
 $q^2 - 3q - 18 = 0$

Answer: _____

- 3) Solve by factorising
 $q^2 - 3q - 18 = 0$

Answer: _____

- 4) Simplify 41:32

Answer: _____

- 5) Find the value of 's' by completing the square of the following equation: $2 + 6s + 8$

Answer: _____

- 6) Find the value of 's' by completing the square of the following equation: $2 + 6s + 8$

Answer: _____

- 7) Find the value of 's' by completing the square of the following equation: $2 + 6s + 8$

Answer: _____

- 8) Simplify 38:40

Answer: _____

- 9) Find the value of 'j' by completing the square of the following equation: $2 + 8j + 15$

Answer: _____

- 10) Solve by factorising
 $x^2 + 3x - 10 = 0$

Answer: _____

Total: ____ / 10

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Answers:

1) $q = 6$ or -3

2) $q = 6$ or -3

3) $q = 6$ or -3

4) $41 : 32$

5) $(s + 3)^2 - 1$

6) $(s + 3)^2 - 1$

7) $(s + 3)^2 - 1$

8) $19 : 20$

9) $(j + 4)^2 - 1$

10) $x = 2$ or -5