Name: _____

Sr: 22042018-244

April 22, 2018

MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

1) Factorise $q^2 + 11q + 18$

Answer: _____

2) Factorise $5s^2 + 18s + 13$

Answer: _____

3) $125^{2/6}$

Answer: _____

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

Answer: _____

5) Factorise $4j^2 + 6j + 2$

Answer: _____

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

Answer: _____

7) $64^{5/10}$

Answer: _____

8) $81^{6/12}$

Answer: _____

9) Factorise $8f^2 + 26f + 6$

Answer: _____

10) Factorise $x^2 + 6x + 8$

Answer: _____

11) Factorise $7q^2 + 18q + 11$

Answer: _____

12) Factorise $6f^2 + 53f + 17$

Answer: _____

13) $36^{6/12}$

Answer: _____

14) Find the value of 'd' by completing the square of the following equation: $^2 + 10d + 16$

Answer: _____

15) Factorise $q^2 + 7q + 10$

Answer: _____

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

16) Factorise $x^2 + 9x + 18$

Answer: _____

17) Factorise $s^2 + 6s + 8$

Answer: _____

18) Factorise $2x^2 + 19x + 17$

Answer: _____

19) Factorise $s^2 + 7s + 10$

Answer: _____

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

Answer: _____

Total: ___ / 20

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Answers:

1) $(q + 2)(q + 9)$	2) $(5s + 13)(s + 1)$	3) 5	4) $(j + 2)^2$	5) $(2j + 2)(j + 2)$	6) $(f + 4)^2$	7) 8
8) 9	9) $(2f + 6)(f + 2)$	10) $(x + 2)(x + 4)$	11) $(7q + 11)(q + 1)$	12) $(2f + 17)(f + 1)$	13) 6	14) $(d + 5)^2 - 9$
15) $(q + 2)(q + 5)$	16) $(x + 3)(x + 6)$	17) $(s + 2)(s + 4)$	18) $(2x + 17)(x + 1)$	19) $(s + 2)(s + 5)$	20) $(d + 2)^2$	