Name: _____

May 10, 2018

MATHS WORKSHEET GENERATOR

11-PLUS SATS GCSES

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1) Find the value of 'j' by completing the square of the following equation: $^2 +$ $6j + 9$

Answer: _____

2) Find the value of 'q' by completing the square of the following equation: $^2 +$ $8q + 12$

Answer: _____

3) Find the value of 's' by completing the square of the following equation: $^2 +$ $6s + 9$

Answer: _____

4) Find the value of 'j' by completing the square of the following equation: $^2 +$ $6j + 9$

Answer: _____

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

Answer: _____

6) Find the value of 'f' by completing the square of the following equation: $^2 +$ $6f + 9$

Answer: _____

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

Answer: _____

8) Find the value of 'f' by completing the square of the following equation: $^2 +$ $8f + 15$

Answer: _____

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

Answer: _____

10) Find the value of 'f' by completing the square of the following equation: $^2 + 12f + 20$

Answer: _____

11) Find the value of 'x' by completing the square of the following equation: $^2 + 6x + 9$

Answer: _____

12) Find the value of 's' by completing the square of the following equation: $^2 + 8s + 12$

Answer: _____

13) Find the value of 'q' by completing the square of the following equation: $^2 + 12q + 20$

Answer: _____

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

Answer: _____

15) Find the value of 's' by completing the square of the following equation: $^2 + 12s + 20$

Answer: _____

MATHS WORKSHEET GENERATOR

11-PLUS
SATS
GCSES

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16) Find the value of 'd' by completing the square of the following equation:

$$^2 + 4d + 4$$

Answer: _____

17) Find the value of 'q' by completing the square of the following equation:

$$^2 + 4q + 4$$

Answer: _____

18) Find the value of 'f' by completing the square of the following equation:

$$^2 + 6f + 9$$

Answer: _____

19) Find the value of 'x' by completing the square of the following equation:

$$^2 + 4x + 4$$

Answer: _____

20) Find the value of 'd' by completing the square of the following equation:

$$^2 + 12d + 20$$

Answer: _____

Total: ___ / 20

Name: _____

May 10, 2018

Sr: 10052018-302

MATHS WORKSHEET
GENERATOR

11-PLUS
SATS
GCSES

Answers:

1) $(j + 3)^2$

2) $(q + 4)^2 - 4$

3) $(s + 3)^2$

4) $(j + 3)^2$

5) $(s + 4)^2$

6) $(f + 3)^2$

7) $(s + 2)^2$

8) $(f + 4)^2 - 1$

9) $(q + 4)^2$

10) $(f + 6)^2 - 16$

11) $(x + 3)^2$

12) $(s + 4)^2 - 4$

13) $(q + 6)^2 - 16$

14) $(s + 2)^2$

15) $(s + 6)^2 - 16$

16) $(d + 2)^2$

17) $(q + 2)^2$

18) $(f + 3)^2$

19) $(x + 2)^2$

20) $(d + 6)^2 - 16$