Name: _____

May 10, 2018

MATHS WORKSHEET GENERATOR

11-PLUS
SATS
GCSES

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

Total: ___ / 10

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MATHS WORKSHEET GENERATOR

11-PLUS SATS GCSES

Answers:

1) $(f + 3)^2$

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

3) $(f + 3)^2 - 1$

4) $(d + 4)^2$

5) $(s + 4)^2$

6) $(x + 5)^2 - 9$

7) $(x + 4)^2$

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

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

10) $(s + 2)^2$