MATHS WORKSHEET
GENERATOR

11-PLUS
SATS
GCSES

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1) Factorise $4f^2 + 13f + 9$

Answer: _____

2) Solve $13f^2 - 19f - 17 = 0$
Round your solutions to 1 decimal place.

Answer: _____

3) Factorise $4f^2 + 10f + 6$

Answer: _____

4) Solve by factorising
$q^2 - 16q - 17 = 0$

Answer: _____

5) Factorise $6q^2 + 20q + 6$

Answer: _____

6) Factorise $9j^2 + 29j + 6$

Answer: _____

7) Solve by factorising
$d^2 + 7d + 10 = 0$

Answer: _____

8) Factorise $8d^2 + 26d + 11$

Answer: _____

9) Factorise $9s^2 + 60s + 19$

Answer: _____

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

Answer: _____

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

Answer: _____

12) Factorise $d^2 + 8d + 15$

Answer: _____

13) Solve $18q^2 + 8q - 8 = 0$
Round your solutions to 1 decimal place.

Answer: _____

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

Answer: _____

15) Solve $19d^2 + 12d - 2 = 0$
Round your solutions to 1 decimal place.

Answer: _____

Name: _____

October 09, 2018

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Sr: 09102018-717

16) Factorise $s^2 + 5s + 6$

Answer: _____

17) Solve by factorising
$d^2 - 6d + 5 = 0$

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

21) Solve $3q^2 + 18q - 13 = 0$
Round your solutions to 1 decimal place.

Answer: _____

22) Factorise $8x^2 + 70x + 17$

Answer: _____

23) Solve $12x^2 + 4x - 11 = 0$
Round your solutions to 1 decimal place.

Answer: _____

24) Factorise $q^2 + 6q + 8$

Answer: _____

25) Factorise $6q^2 + 41q + 13$

Answer: _____

26) Factorise $4s^2 + 7s + 3$

Answer: _____

27) Solve by factorising
$j^2 + 14j + 13 = 0$

Answer: _____

28) Factorise $4j^2 + 18j + 8$

Answer: _____

29) Solve by factorising
$d^2 - 8d + 16 = 0$

Answer: _____

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

Answer: _____

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31) Factorise $9j^2 + 9j + 2$

Answer: _____

32) Solve by factorising
$q^2 + 9q + 14 = 0$

Answer: _____

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

Answer: _____

34) Solve by factorising
$j^2 - 7j - 18 = 0$

Answer: _____

35) Factorise $j^2 + 6j + 9$

Answer: _____

36) Solve $1f^2 - 11f + 12 = 0$
Round your solutions to 1 decimal place.

Answer: _____

37) Solve $7s^2 + 11s - 14 = 0$
Round your solutions to 1 decimal place.

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

41) Factorise $4q^2 + 18q + 14$

Answer: _____

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

Answer: _____

43) Solve $15s^2 + 16s - 2 = 0$
Round your solutions to 1 decimal place.

Answer: _____

44) Solve $16d^2 + 15d + 3 = 0$
Round your solutions to 1 decimal place.

Answer: _____

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

Answer: _____

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

Answer: _____

47) Factorise $q^2 + 6q + 9$

Answer: _____

48) Solve by factorising $s^2 + 7s + 6 = 0$

Answer: _____

49) Factorise $j^2 + 6j + 9$

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

53) Solve $18s^2 + 2s - 13 = 0$
Round your solutions to 1 decimal place.

Answer: _____

54) Factorise $2d^2 + 13d + 20$

Answer: _____

55) Solve by factorising $f^2 + 6f - 7 = 0$

Answer: _____

56) Solve $18d^2 + 9d - 12 = 0$
Round your solutions to 1 decimal place.

Answer: _____

57) Factorise $s^2 + 9s + 18$

Answer: _____

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

Answer: _____

59) Solve $15s^2 + 14s - 11 = 0$
Round your solutions to 1 decimal place.

Answer: _____

60) Solve by factorising $x^2 + 6x - 7 = 0$

Answer: _____

61) Factorise $x^2 + 10x + 16$

Answer: _____

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

Answer: _____

63) Solve $2x^2 - 15x + 3 = 0$
Round your solutions to 1 decimal place.

Answer: _____

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

Answer: _____

65) Solve $14f^2 + 8f - 14 = 0$
Round your solutions to 1 decimal place.

Answer: _____

66) Solve by factorising
$d^2 - 8d + 12 = 0$

Answer: _____

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

Answer: _____

68) Solve $4q^2 - 8q - 19 = 0$
Round your solutions to 1 decimal place.

Answer: _____

69) Factorise $x^2 + 9x + 14$

Answer: _____

70) Factorise $3x^2 + 8x + 4$

Answer: _____

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

Answer: _____

72) Solve by factorising
$j^2 - 7j - 18 = 0$

Answer: _____

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

Answer: _____

74) Solve $8q^2 - 19q + 7 = 0$
Round your solutions to 1 decimal place.

Answer: _____

75) Solve $4j^2 - 13j - 20 = 0$
Round your solutions to 1 decimal place.

Answer: _____

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76) Solve $17s^2 - 12s - 1 = 0$
Round your solutions to 1 decimal place.

Answer: _____

77) Solve $3q^2 - 15q + 15 = 0$
Round your solutions to 1 decimal place.

Answer: _____

78) Factorise $f^2 + 5f + 6$

Answer: _____

79) Solve $12j^2 + 9j - 10 = 0$
Round your solutions to 1 decimal place.

Answer: _____

80) Solve $6j^2 + 16j - 11 = 0$
Round your solutions to 1 decimal place.

Answer: _____

81) Solve by factorising
$x^2 + 6x + 9 = 0$

Answer: _____

82) Solve $3q^2 + 10q - 16 = 0$
Round your solutions to 1 decimal place.

Answer: _____

83) Solve $12x^2 - 18x - 19 = 0$
Round your solutions to 1 decimal place.

Answer: _____

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

Answer: _____

85) Factorise $6x^2 + 29x + 9$

Answer: _____

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

Answer: _____

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

Answer: _____

88) Solve by factorising
$d^2 - 7d - 18 = 0$

Answer: _____

89) Factorise $d^2 + 5d + 6$

Answer: _____

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

Answer: _____

91) Solve $14s^2 - 4s - 9 = 0$
Round your solutions to 1 decimal place.

Answer: _____

92) Factorise $7q^2 + 19q + 10$

Answer: _____

93) Factorise $q^2 + 9q + 18$

Answer: _____

94) Solve $18d^2 - 2d - 6 = 0$
Round your solutions to 1 decimal place.

Answer: _____

95) Factorise $x^2 + 4x + 4$

Answer: _____

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

Answer: _____

97) Solve by factorising
$q^2 - 13q + 12 = 0$

Answer: _____

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

Answer: _____

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

Answer: _____

100) Solve $4x^2 + 14x - 16 = 0$
Round your solutions to 1 decimal place.

Answer: _____

Total: ___ / 100