Name: _____

Sr: 09102018-718

October 09, 2018

MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

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

Answer: _____

2) Factorise $5q^2 + 37q + 14$

Answer: _____

3) Solve by factorising
$x^2 + 14x - 15 = 0$

Answer: _____

4) $\frac{2^{19} * 2^{20}}{2^{16}}$

Answer: _____

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

Answer: _____

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

Answer: _____

7) Solve $7f^2 - 3f - 13 = 0$
Round your solutions to 1 decimal place.

Answer: _____

8) Factorise $s^2 + 11s + 18$

Answer: _____

9) Solve by factorising
$x^2 + 11x + 18 = 0$

Answer: _____

10) $2^8 * 2^{15}$

Answer: _____

11) Solve $20q^2 + 16q - 5 = 0$
Round your solutions to 1 decimal place.

Answer: _____

12) Factorise $j^2 + 7j + 12$

Answer: _____

13) $6^{12} * 6^{11}$

Answer: _____

14) Factorise $5s^2 + 7s + 2$

Answer: _____

15) Find the next three numbers in the sequence
14,6,9,1,4,-4,-1__,__,__

Answer: _____

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

16) Factorise $3s^2 + 16s + 13$

Answer: _____

17) Factorise $j^2 + 4j + 4$

Answer: _____

18) Find the next three numbers in the sequence 16,8,12,4,8,0,4__,__,__

Answer: _____

19) Find the next three numbers in the sequence 4,0,0,-4,-4,-8,-8__,__,__

Answer: _____

20) Factorise $4f^2 + 12f + 5$

Answer: _____

21) Solve $18f^2 + 17f + 1 = 0$
Round your solutions to 1 decimal place.

Answer: _____

22) Find the next three numbers in the sequence 75,72,360,357,1785,1782,8910__,__,__

Answer: _____

23) Solve by factorising
$x^2 + 8x + 16 = 0$

Answer: _____

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

Answer: _____

25) Factorise $2d^2 + 16d + 14$

Answer: _____

26) Solve $12f^2 + 4f - 14 = 0$
Round your solutions to 1 decimal place.

Answer: _____

27) Factorise $5j^2 + 22j + 17$

Answer: _____

28) Factorise $6j^2 + 62j + 20$

Answer: _____

29) Solve $6d^2 + 15d - 1 = 0$
Round your solutions to 1 decimal place.

Answer: _____

30) Factorise $j^2 + 6j + 8$

Answer: _____

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31) Find the next three numbers in the sequence 9,4,6,1,3,-2,0__,__,__

Answer: _____

32) Solve by factorising $x^2 + 8x + 12 = 0$

Answer: _____

33) $(7^9)^{10}$

Answer: _____

34) $4^{20} * 4^{14}$

Answer: _____

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

Answer: _____

36) $\frac{q^{13} * q^7}{q^{16}}$

Answer: _____

37) Find the next three numbers in the sequence 75,78,390,393,1965,1968,9840__,__,__

Answer: _____

38) Find the next three numbers in the sequence 0,1,1,2,3,5,8__,__,__

Answer: _____

39) Solve by factorising $s^2 + 19s + 18 = 0$

Answer: _____

40) m^7 / m^1

Answer: _____

41) Find the next three numbers in the sequence 19,14,21,16,23,18,25__,__,__

Answer: _____

42) Solve $3s^2 + 5s - 6 = 0$
Round your solutions to 1 decimal place.

Answer: _____

43) Factorise $2d^2 + 12d + 18$

Answer: _____

44) Factorise $9d^2 + 15d + 4$

Answer: _____

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

Answer: _____

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

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

Answer: _____

47) Solve $4f^2 - 12f - 3 = 0$
Round your solutions to 1 decimal place.

Answer: _____

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

Answer: _____

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

Answer: _____

50) Find the next three numbers in the sequence 5,0,0,-5,-5,-10,-10__,__,__

Answer: _____

51) Solve $12s^2 - 8s - 6 = 0$
Round your solutions to 1 decimal place.

Answer: _____

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

Answer: _____

53) Solve by factorising
$f^2 - 10f + 16 = 0$

Answer: _____

54) Solve by factorising
$f^2 + 9f + 14 = 0$

Answer: _____

55) $\frac{3^3 * 3^2}{3^1}$

Answer: _____

56) Solve by factorising
$x^2 - 10x + 16 = 0$

Answer: _____

57) Factorise $j^2 + 7j + 10$

Answer: _____

58) $(3^{14})^7$

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

63) Solve by factorising $x^2 - 15x + 14 = 0$

Answer: _____

64) $9^{12} * 9^9$

Answer: _____

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

Answer: _____

66) Solve by factorising $s^2 - 3s - 10 = 0$

Answer: _____

67) Find the next three numbers in the sequence 25,26,130,131,655,656,3280__,__,__

Answer: _____

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

Answer: _____

69) Factorise $8q^2 + 54q + 13$

Answer: _____

70) Solve $2d^2 + 18d - 19 = 0$ Round your solutions to 1 decimal place.

Answer: _____

71) $(f^{12})^{16}$

Answer: _____

72) Factorise $f^2 + 11f + 18$

Answer: _____

73) Factorise $8s^2 + 21s + 10$

Answer: _____

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

Answer: _____

75) Solve by factorising $x^2 + 12x - 13 = 0$

Answer: _____

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76) Solve $12q^2 - 3q - 5 = 0$
Round your solutions to 1 decimal place.

Answer: _____

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

Answer: _____

78) Factorise $9d^2 + 27d + 18$

Answer: _____

79) Find the next three numbers in the sequence 0,1,1,2,3,5,8__,__,__

Answer: _____

80) $(m^{10})^{12}$

Answer: _____

81) Factorise $j^2 + 10j + 16$

Answer: _____

82) $f^8 * f^8$

Answer: _____

83) $(9^1)^4$

Answer: _____

84) Find the next three numbers in the sequence 4,0,0,-4,-4,-8,-8__,__,__

Answer: _____

85) Solve by factorising
$d^2 + 4d - 12 = 0$

Answer: _____

86) Factorise $6x^2 + 56x + 18$

Answer: _____

87) Solve $12j^2 - 20j + 2 = 0$
Round your solutions to 1 decimal place.

Answer: _____

88) Find the next three numbers in the sequence 22,16,24,18,26,20,28__,__,__

Answer: _____

89) Solve $7x^2 - 8x - 17 = 0$
Round your solutions to 1 decimal place.

Answer: _____

90) Find the next three numbers in the sequence 75,72,360,357,1785,1782,8910__,__,__

Answer: _____

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

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

Answer: _____

92) $\frac{3^{10} * 3^{11}}{3^9}$

Answer: _____

93) $\frac{8^{19} * 8^8}{8^{20}}$

Answer: _____

94) Factorise $d^2 + 12d + 20$

Answer: _____

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

Answer: _____

96) Factorise $9j^2 + 11j + 2$

Answer: _____

97) $m^2 * m^2$

Answer: _____

98) Solve by factorising $s^2 - 12s - 13 = 0$

Answer: _____

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

Answer: _____

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

Answer: _____

Total: ___ / 100