Name: _____

February 18, 2021

Sr: 18022021-2061

MATHS WORKSHEET GENERATOR

11-PLUS
SATS
GCSES

1) Solve by factorising
$x^2 + 19x + 18 = 0$

Answer: _____

2) Solve by factorising
$f^2 + 8f - 20 = 0$

Answer: _____

3) Solve by factorising
$f^2 - 1f - 12 = 0$

Answer: _____

4) Solve by factorising
$q^2 - 8q - 20 = 0$

Answer: _____

5) Solve by factorising
$q^2 + 2q - 15 = 0$

Answer: _____

6) Solve by factorising
$j^2 - 15j + 14 = 0$

Answer: _____

7) Solve by factorising
$d^2 - 10d + 9 = 0$

Answer: _____

8) Solve by factorising
$x^2 - 7x + 12 = 0$

Answer: _____

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

Answer: _____

10) Solve by factorising
$j^2 + 5j - 14 = 0$

Answer: _____

11) Solve by factorising
$f^2 - 1f - 2 = 0$

Answer: _____

12) Solve by factorising
$d^2 - 19d - 20 = 0$

Answer: _____

13) Solve by factorising
$j^2 - 9j + 20 = 0$

Answer: _____

14) Solve by factorising
$x^2 + 7x - 8 = 0$

Answer: _____

15) Solve by factorising
$f^2 - 4f + 4 = 0$

Answer: _____

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MATHS WORKSHEET GENERATOR

11-PLUS
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GCSES

16) Solve by factorising
$x^2 + 15x - 16 = 0$

Answer: _____

17) Solve by factorising
$f^2 + 6f + 8 = 0$

Answer: _____

18) Solve by factorising
$d^2 - 9d + 8 = 0$

Answer: _____

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

Answer: _____

20) Solve by factorising
$s^2 - 10s - 11 = 0$

Answer: _____

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

Answer: _____

22) Solve by factorising
$x^2 - 9x - 10 = 0$

Answer: _____

23) Solve by factorising
$x^2 + 20x + 19 = 0$

Answer: _____

24) Solve by factorising
$q^2 - 9q - 10 = 0$

Answer: _____

25) Solve by factorising
$s^2 - 8s + 7 = 0$

Answer: _____

26) Solve by factorising
$f^2 - 6f - 16 = 0$

Answer: _____

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

Answer: _____

28) Solve by factorising
$s^2 - 15s - 16 = 0$

Answer: _____

29) Solve by factorising
$x^2 - 16x + 15 = 0$

Answer: _____

30) Solve by factorising
$f^2 + 14f + 13 = 0$

Answer: _____

31) Solve by factorising
$f^2 - 4f + 3 = 0$

Answer: _____

32) Solve by factorising
$s^2 + 3s + 2 = 0$

Answer: _____

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

Answer: _____

34) Solve by factorising
$j^2 - 6j + 9 = 0$

Answer: _____

35) Solve by factorising
$x^2 + 20x + 19 = 0$

Answer: _____

36) Solve by factorising
$s^2 - 4s + 4 = 0$

Answer: _____

37) Solve by factorising
$f^2 - 8f - 20 = 0$

Answer: _____

38) Solve by factorising
$j^2 - 12j + 20 = 0$

Answer: _____

39) Solve by factorising
$q^2 + 1q - 12 = 0$

Answer: _____

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

Answer: _____

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

Answer: _____

42) Solve by factorising
$d^2 - 12d - 13 = 0$

Answer: _____

43) Solve by factorising
$q^2 + 10q - 11 = 0$

Answer: _____

44) Solve by factorising
$q^2 - 1q - 12 = 0$

Answer: _____

45) Solve by factorising
$j^2 + 6j - 7 = 0$

Answer: _____

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SATS
GCSES

46) Solve by factorising
$j^2 + 4j + 4 = 0$

Answer: _____

47) Solve by factorising
$s^2 - 9s + 14 = 0$

Answer: _____

48) Solve by factorising
$f^2 - 12f - 13 = 0$

Answer: _____

49) Solve by factorising
$s^2 + 6s + 9 = 0$

Answer: _____

50) Solve by factorising
$d^2 + 15d + 14 = 0$

Answer: _____

51) Solve by factorising
$s^2 - 12s + 20 = 0$

Answer: _____

52) Solve by factorising
$j^2 - 11j + 18 = 0$

Answer: _____

53) Solve by factorising
$s^2 + 5s + 4 = 0$

Answer: _____

54) Solve by factorising
$f^2 + 9f + 20 = 0$

Answer: _____

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

Answer: _____

56) Solve by factorising
$j^2 + 2j - 8 = 0$

Answer: _____

57) Solve by factorising
$d^2 + 10d - 11 = 0$

Answer: _____

58) Solve by factorising
$x^2 - 17x - 18 = 0$

Answer: _____

59) Solve by factorising
$s^2 + 16s + 15 = 0$

Answer: _____

60) Solve by factorising
$s^2 - 12s + 20 = 0$

Answer: _____

MATHS WORKSHEET
GENERATOR

11-PLUS
SATS
GCSES

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61) Solve by factorising
$x^2 + 2x - 8 = 0$

Answer: _____

62) Solve by factorising
$q^2 + 4q - 12 = 0$

Answer: _____

63) Solve by factorising
$s^2 + 15s - 16 = 0$

Answer: _____

---

64) Solve by factorising
$x^2 + 13x - 14 = 0$

Answer: _____

65) Solve by factorising
$d^2 - 4d + 3 = 0$

Answer: _____

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

Answer: _____

---

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

Answer: _____

68) Solve by factorising
$j^2 - 2j - 15 = 0$

Answer: _____

69) Solve by factorising
$f^2 + 3f - 10 = 0$

Answer: _____

---

70) Solve by factorising
$s^2 + 14s - 15 = 0$

Answer: _____

71) Solve by factorising
$d^2 - 18d - 19 = 0$

Answer: _____

72) Solve by factorising
$j^2 + 4j - 12 = 0$

Answer: _____

---

73) Solve by factorising
$d^2 - 9d + 20 = 0$

Answer: _____

74) Solve by factorising
$s^2 + 6s + 9 = 0$

Answer: _____

75) Solve by factorising
$x^2 - 1x - 6 = 0$

Answer: _____

---

76) Solve by factorising
$x^2 + 3x - 18 = 0$

Answer: _____

77) Solve by factorising
$j^2 + 5j + 4 = 0$

Answer: _____

78) Solve by factorising
$x^2 - 8x - 9 = 0$

Answer: _____

79) Solve by factorising
$q^2 - 4q + 3 = 0$

Answer: _____

80) Solve by factorising
$d^2 - 1d - 2 = 0$

Answer: _____

81) Solve by factorising
$d^2 - 9d + 8 = 0$

Answer: _____

82) Solve by factorising
$f^2 - 17f - 18 = 0$

Answer: _____

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

Answer: _____

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

Answer: _____

85) Solve by factorising
$f^2 - 12f + 20 = 0$

Answer: _____

86) Solve by factorising
$x^2 + 5x + 6 = 0$

Answer: _____

87) Solve by factorising
$s^2 - 1s - 12 = 0$

Answer: _____

88) Solve by factorising
$f^2 - 6f - 16 = 0$

Answer: _____

89) Solve by factorising
$j^2 + 9j - 10 = 0$

Answer: _____

90) Solve by factorising
$x^2 + 8x - 9 = 0$

Answer: _____

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MATHS WORKSHEET
GENERATOR

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SATS
GCSES

91) Solve by factorising
$f^2 + 13f + 12 = 0$

Answer: _____

92) Solve by factorising
$f^2 - 3f - 10 = 0$

Answer: _____

93) Solve by factorising
$j^2 - 3j - 4 = 0$

Answer: _____

94) Solve by factorising
$x^2 - 7x - 18 = 0$

Answer: _____

95) Solve by factorising
$f^2 - 9f + 8 = 0$

Answer: _____

96) Solve by factorising
$q^2 + 6q + 9 = 0$

Answer: _____

97) Solve by factorising
$f^2 + 14f - 15 = 0$

Answer: _____

98) Solve by factorising
$s^2 + 1s - 2 = 0$

Answer: _____

99) Solve by factorising
$j^2 + 8j - 9 = 0$

Answer: _____

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

Answer: _____

Total: ___ / 100

Name: _____

February 18, 2021

MATHS WORKSHEET GENERATOR

11-PLUS SATS GCSES

Answers:

1) x = -1 or -18
2) f = 2 or -10
3) f = 4 or -3
4) q = 10 or -2
5) q = 3 or -5
6) j = 14 or 1
7) d = 9 or 1

8) x = 4 or 3
9) f = 9 or 2
10) j = 2 or -7
11) f = 2 or -1
12) d = 20 or -1
13) j = 5 or 4
14) x = 1 or -8

15) f = 2 or 2
16) x = 1 or -16
17) f = -2 or -4
18) d = 8 or 1
19) q = 7 or 2
20) s = 11 or -1
21) j = 2 or -9

22) x = 10 or -1
23) x = -1 or -19
24) q = 10 or -1
25) s = 7 or 1
26) f = 8 or -2
27) s = 13 or -1
28) s = 16 or -1

29) x = 15 or 1
30) f = -1 or -13
31) f = 3 or 1
32) s = -1 or -2
33) q = 1 or -13
34) j = 3 or 3
35) x = -1 or -19

36) s = 2 or 2
37) f = 10 or -2
38) j = 10 or 2
39) q = 3 or -4
40) f = 7 or -1
41) x = -2 or -6
42) d = 13 or -1

43) q = 1 or -11
44) q = 4 or -3
45) j = 1 or -7
46) j = -2 or -2
47) s = 7 or 2
48) f = 13 or -1
49) s = -3 or -3

50) d = -1 or -14
51) s = 10 or 2
52) j = 9 or 2
53) s = -1 or -4
54) f = -4 or -5
55) f = -2 or -7
56) j = 2 or -4

57) d = 1 or -11
58) x = 18 or -1
59) s = -1 or -15
60) s = 10 or 2
61) x = 2 or -4
62) q = 2 or -6
63) s = 1 or -16

64) x = 1 or -14
65) d = 3 or 1
66) x = -3 or -6
67) d = 4 or 4
68) j = 5 or -3
69) f = 2 or -5
70) s = 1 or -15

71) d = 19 or -1
72) j = 2 or -6
73) d = 5 or 4
74) s = -3 or -3
75) x = 3 or -2
76) x = 3 or -6
77) j = -1 or -4

78) x = 9 or -1
79) q = 3 or 1
80) d = 2 or -1
81) d = 8 or 1
82) f = 18 or -1
83) s = -1 or -6
84) f = 7 or -1

85) f = 10 or 2
86) x = -2 or -3
87) s = 4 or -3
88) f = 8 or -2
89) j = 1 or -10
90) x = 1 or -9
91) f = -1 or -12

92) f = 5 or -2
93) j = 4 or -1
94) x = 9 or -2
95) f = 8 or 1
96) q = -3 or -3
97) f = 1 or -15
98) s = 1 or -2

99) j = 1 or -9
100) x = -1 or -6