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1) 114.4 ÷ 6.5

Answer: _____

2) Factorise $7d^2 + 16d + 4$

Answer: _____

3) 900 ÷ 100

Answer: _____

4) Find the median of the following set of data:

12, 4, 22, 3, 38, 22, 32, 2

Answer: _____

5) Factorise $7j^2 + 24j + 17$

Answer: _____

6) Round 24.101468 to 5 decimal places.

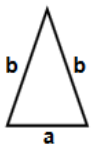
Answer: _____

7) Share 14 in the ratio 5:9

Answer: _____

8) 16 + (-18)

Answer: _____

9) 

Find area of triangle
a = 68 cm, b = 82 cm

Answer: _____

10) Find the mode of the following set of data:

40, 40, 40, 40, 49, 49, 49, 41, 41, 41, 41, 41, 41, 41, 7, 7

Answer: _____

11) Factorise $2s^2 + 9s + 9$

Answer: _____

12) $121^{1/2}$

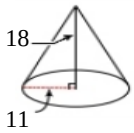
Answer: _____

13) Convert the following mixed number $2^{10}/_{8}$ into an improper fraction.

Answer: _____

14) Convert the following mixed number $2^{10}/_{8}$ into an improper fraction.

Answer: _____

15) 

Volume of Cone

Answer: _____

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16) 300 ÷ 100

Answer: _____

17) 300 ÷ 100

Answer: _____

18) **1** $^{1}/_{4}$ **- 3** $^{2}/_{3}$

Answer: _____

19) Find the value of 'q' by completing the square of the following equation:
^{2} + 6q + 9

Answer: _____

20) $4^{1}/_{4}$ x $1^{2}/_{3}$

Answer: _____

21) Find the value of 'f' by completing the square of the following equation:
^{2} + 4f + 4

Answer: _____

22) Decrease 174 by $^{2}/_{87}$

Answer: _____

23) $^{5}/_{4}$ x $^{14}/_{5}$

Answer: _____

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

Answer: _____

25) A number was shared in the ratio 17:13. The smaller share was 13. What was the larger amount?

Answer: _____

26) A number was shared in the ratio 17:13. The smaller share was 13. What was the larger amount?

Answer: _____

27) 2 x 18 - 10

Answer: _____

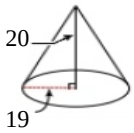
28) Round 18.77 to the nearest 1000

Answer: _____

29)

Find area of square having each side (s) equals 85 ft

Answer: _____

30) 

Volume of Cone

Answer: _____

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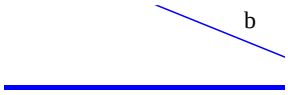
31) 

Measure angle boa

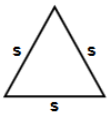
Answer: _____

32)
'Name the type of angle.

Answer: _____

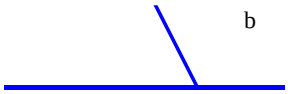
33) Find the value of 'x' by completing the square of the following equation: ^{2} + 4x + 4

Answer: _____

34) 

Find area of triangle s = 91 m

Answer: _____

35) 

Measure angle boa

Answer: _____

36) $8^{6/9}$

Answer: _____

37) 'What is the probability of rolling a multiple of 4.when rolling a dice

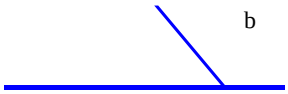
Answer: _____

38) Factorise $5f^2 + 22f + 8$

Answer: _____

39) Round 26.31 to the nearest 10

Answer: _____

40) 

Measure angle boa

Answer: _____

41) A number is chosen at random from 1 to 25. Find the probability of selecting factors of 9 and 8.

Answer: _____

42) 12 x 8 + 6 - 5

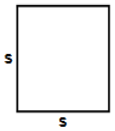
Answer: _____

43) $5^{1}/_{7} \times 3^{2}/_{3}$

Answer: _____

44) Factorise $9j^2 + 18j + 5$

Answer: _____

45) 

Find area of square having each side (s) equals 35 ft

Answer: _____

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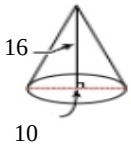
46) Find the median of the following set of data:

3, 30, 20, 40, 9

Answer: _____

47) 

Find Volume of Cone

Answer: _____

48) $5\ ^{3}/_{7} - 2\ ^{1}/_{2}$

Answer: _____

49) $^{17}/_{1} \times ^{17}/_{3}$

Answer: _____

50) 27.9 ÷ 6.2

Answer: _____

51) Find the mode of the following set of data:

39, 39, 39, 39, 39, 34, 34, 34, 34, 44, 44, 44, 44, 44

Answer: _____

52) $^{10}/_{11} \times ^{4}/_{9}$

Answer: _____

53) Convert the following improper fraction $6^{1}/_{3} + 5^{1}/_{2}$ into a mixed number

Answer: _____

54) 41% of 48

Answer: _____

55) (-57) + 90

Answer: _____

56) 14 x 1000

Answer: _____

57) $^{14}/_{12} \times ^{14}/_{6}$

Answer: _____

58) $^{3}/_{4} - ^{5}/_{9}$

Answer: _____

59)

Find area of square having each side (s) equals 26 cm

Answer: _____

60) 58% of 35

Answer: _____

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61) 76 ÷ 19

Answer: _____

62) 76 ÷ 19

Answer: _____

63) Factorise $8q^2 + 15q + 7$

Answer: _____

64) Convert the following improper fraction $5^2/_6 + 3^7/_8$ into a mixed number

Answer: _____

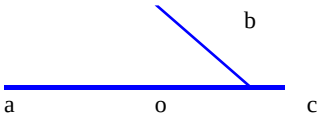
65) A number was shared in the ratio 17:8. The larger share was 34. What was the smaller amount?

Answer: _____

66) Decrease 60 by 80%

Answer: _____

67)



Measure angle boa

Answer: _____

68) 9 ÷ 9

Answer: _____

69) A number is chosen at random from 1 to 25. Find the probability of selecting factors of 7.

Answer: _____

70) $169^{5/10}$

Answer: _____

71) $100^{7/14}$

Answer: _____

72) Decrease 28 by 75%

Answer: _____

73) Find the mode of the following set of data:

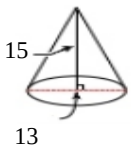
48, 48, 40, 40, 29, 29

Answer: _____

74) 77 - (-85)

Answer: _____

75)



Find Volume of Cone

Answer: _____

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76) 27% of 22

Answer: _____

77) Share 9 in the ratio 7:2

Answer: _____

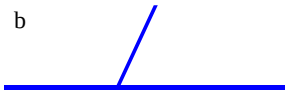
78) A number was shared in the ratio 5:2. The smaller share was 6. What was the total amount shared?

Answer: _____

79) Convert the following mixed number $5^{1}/_{4}$ into an improper fraction.

Answer: _____

80) b



a o c

Measure angle boc

Answer: _____

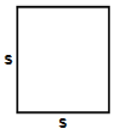
81) Share 24 in the ratio 6:18

Answer: _____

82) $^{19}/_{11}$ - $^{7}/_{5}$

Answer: _____

83)



Find area of square having each side (s) equals 94 ft

Answer: _____

84) Find the value of 'j' by completing the square of the following equation: ^{2} + 8j + 12

Answer: _____

85) 66 - (-69)

Answer: _____

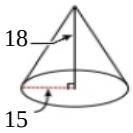
86) 2000 ÷ 100

Answer: _____

87) 34 ÷ 1.7

Answer: _____

88)



Volume of Cone

Answer: _____

89) Share 12 in the ratio 3:9

Answer: _____

90) $^{19}/_{11}$ - $^{7}/_{7}$

Answer: _____

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91) 'What is the probability of rolling a multiple of 2.when rolling a dice

Answer: _____

92) Find the mode of the following set of data:

35, 35, 5, 5, 5, 27, 27

Answer: _____

93) Find the mean of the following set of data:

1, 2, 13, 3, 20

Answer: _____

94) $16^{4/8}$

Answer: _____

95) 53 + (-69)

Answer: _____

96) $1^{7}/_{9} \div 6^{3}/_{9}$

Answer: _____

97) A number was shared in the ratio 3:14. The smaller share was 27. What was the total amount shared?

Answer: _____

98) $19^2 \div 5 \times 3$

Answer: _____

99) 10 + 12

Answer: _____

100) Share 36 in the ratio 2:7

Answer: _____

Total: ___ / 100

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

Answers:

1) 17.6	2) (1d + 2)(d + 2)	3) 9	4) 20.5	5) (7j + 17)(j + 1)	6) 24.10147	7) 1 : 13
8) -2	9) 2002.2507335496cm	10) 41	11) (1s + 3)(s + 3)	12) 11	13) $^{13}/_{4}$	14) $^{13}/_{4}$
15) 2280.7962665062	16) 3	17) 3	18) $4^{5}/_{12}$	19) $(q + 3)^2$	20) $7^{1}/_{12}$	21) $(f + 2)^2$
22) 170	23) $3^{1}/_{2}$	24) $(f + 3)^2$	25) 17	26) 17	27)	28) 18.77
29) 7225ft	30) 7560.7663196394	31) 22	32) Right	33) $(x + 2)^2$	34) 3585.7781843695m	35) 63
36) 4	37) $^{1}/_{6}$	38) (1f + 4)(f + 2)	39) 26.3	40) 50	41) $^{0}/_{1}$	42)
43) $18^{6}/_{7}$	44) (3j + 5)(j + 1)	45) 1225ft	46) 20	47) 418.87902047864	48) $2^{13}/_{14}$	49) $96^{1}/_{3}$
50) 4.5	51) 39	52) $^{40}/_{99}$	53) $11^{5}/_{6}$	54) 19.68	55) 33	56) 14000
57) $2^{13}/_{18}$	58) $^{7}/_{36}$	59) 676cm	60) 20.3	61) 4	62) 4	63) (1q + 1)(q + 7)
64) $9^{5}/_{24}$	65) 16	66) 12	67) 41	68) 1	69) $^{0}/_{1}$	70) 13
71) 10	72) 7	73) 48	74) 162	75) 663.66144807084	76) 5.94	77) 1 : 8
78) 21	79) $^{21}/_{4}$	80) 65	81) 1 : 23	82) $^{18}/_{55}$	83) 8836ft	84) $(j + 4)^2$ - 4
85) 135	86) 20	87) 20	88) 4241.1500823462	89) 1 : 11	90) $^{8}/_{11}$	91) $^{1}/_{2}$
92) 5	93) 7.8	94) 4	95) -16	96) $^{16}/_{57}$	97) 153	98)
99) 22	100) 4 : 32					

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