Name: _____

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

1) 67% of 465

Answer: _____

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

24, 25, 34, 24, 18, 24, 24, 11, 31, 38, 19, 26, 30, 18, 37, 8, 13, 12, 12, 28

Answer: _____

3) Write 100 in standard form.

Answer: _____

4) **18** $^{6}/_{9}$ **- 8** $^{1}/_{7}$

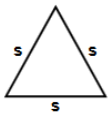
Answer: _____

5) What would you multiply by to decrease an amount by 63%?

Answer: _____

6) Increase 136 by $^{1}/_{68}$

Answer: _____

7) 

Find area of triangle
s = 6483 cm

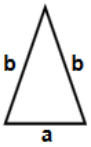
Answer: _____

8) $^{3}/_{47}$ of 282

Answer: _____

9) 5973 - 4817

Answer: _____

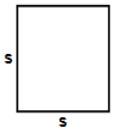
10) 

Find perimeter of triangle
a = 5481 in , b = 7824 in

Answer: _____

11) A number is chosen at random from 1 to 75. Find the probability of selecting factors of 17 and 16.

Answer: _____

12) 

Find area of square having each side (s) equals 2285 in

Answer: _____

13) Share 20 in the ratio 3:1

Answer: _____

14) Convert the following fraction into a mixed number: $^{48}/_{27}$

Answer: _____

15) 6970 ÷ 82

Answer: _____

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16) $14 \div 1 \div (3^2 \times 7)$

Answer: _____

17) 95% of 268

Answer: _____

18) $\frac{m^{-5} / m^{14}}{m^1}$

Answer: _____

19) 09:22 am To 04:49 pm

Answer: _____

20) 69% of 52

Answer: _____

21) $81^{3/6}$

Answer: _____

22) Decrease 132 by $^1/_{66}$

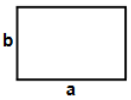
Answer: _____

23) What would you multiply by to decrease an amount by 75%?

Answer: _____

24) Round 25.9525058117 to 7 significant figures.

Answer: _____

25) 

Find perimeter of rectangle having sides a = 7953 m and b = 7338 m

Answer: _____

26) Increase 108 by $^1/_{36}$

Answer: _____

27) Increase 108 by $^1/_{36}$

Answer: _____

28) Convert the following improper fraction $19^4/_{17} + 7^4/_{13}$ into a mixed number

Answer: _____

29) Find the next three numbers in the sequence 125,130,650,655,3275,3280,16400__,__,__

Answer: _____

30) Find the next three numbers in the sequence 125,130,650,655,3275,3280,16400__,__,__

Answer: _____

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31) $(3 - 8) \times 11 - 14^2$

Answer: _____

32) An amount was decreased by 6% to \$197.18. Find the original amount.

Answer: _____

33) 1470 + 6982

Answer: _____

34) 34.1 x 10.3

Answer: _____

35) $^{19}/_{2} + {}^{29}/_{2}$

Answer: _____

36) Convert the following mixed number $1^{18}/_{2}$ into an improper fraction.

Answer: _____

37) $5^{-9} / 5^{-6}$

Answer: _____

38) Round 12.410 to 2 significant figures.

Answer: _____

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

27, 37, 36, 25, 29, 21, 22, 27, 37, 15, 12, 37, 19, 14, 26, 14, 3, 9, 22, 15

Answer: _____

40) Write 0.0004 in standard form.

Answer: _____

41) 3196 ÷ 34

Answer: _____

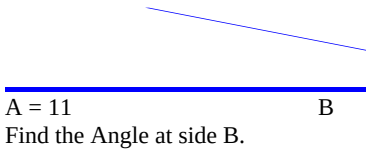
42) Convert the following mixed number $27^{1}/_{19}$ into an improper fraction.

Answer: _____

43) Convert the following mixed number $27^{1}/_{19}$ into an improper fraction.

Answer: _____

44)



Find the Angle at side B.

Answer: _____

45) 73000 ÷ 1000

Answer: _____

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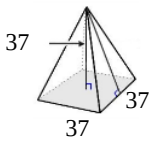
46) Decrease 140 by 28%

Answer: _____

47) Convert the following fraction into a mixed number: $^{36}/_{27}$

Answer: _____

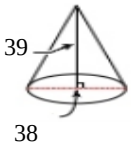
48)



Find Volume of Square Pyramid

Answer: _____

49)



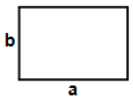
Find Volume of Cone

Answer: _____

50) 7189 ÷ 91

Answer: _____

51)



Find perimeter of rectangle having sides a = 8189 in and b = 2846 in

Answer: _____

52) Increase 456 by 87%

Answer: _____

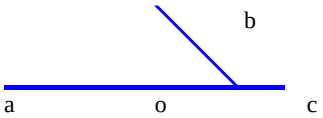
53) Solve $19q^2 - 2q - 19 = 0$
Round your solutions to 1 decimal place.

Answer: _____

54) 86986.2 ÷ 973

Answer: _____

55)



Measure angle boc

Answer: _____

56) Decrease 35 by $^{1}/_{5}$

Answer: _____

57) What would you multiply by to increase an amount by 23%?

Answer: _____

58) A number was shared in the ratio 86:38. The smaller share was 95. What was the total amount shared?

Answer: _____

59) Convert the following mixed number $39^{10}/_{16}$ into an improper fraction.

Answer: _____

60) 6450 - (-8192)

Answer: _____

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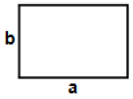
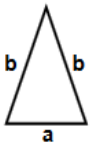
61) 

Find area of rectangle having sides a = 9592 m and b = 7812 m

Answer: _____

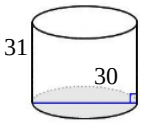
62) 

Find perimeter of triangle a = 4170 cm , b = 4817 cm

Answer: _____

63) $(10 \times 2^{1}) + (2 \times 1^{-6})$

Answer: _____

64) 

Find Volume of Cylinder

Answer: _____

65) $(4 \times 4^{4}) + (6 \times 4^{9})$

Answer: _____

66) What would you multiply by to decrease an amount by 90%?

Answer: _____

67) Simplify 49:32

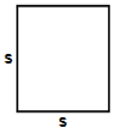
Answer: _____

68) Decrease 392 by 26%

Answer: _____

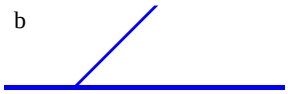
69) Factorise $9x^{2} + 32x + 15$

Answer: _____

70) 

Find area of square having each side (s) equals 8286 m

Answer: _____

71) 

Measure angle boc

Answer: _____

72) 8181 - 8032

Answer: _____

73) $2^{3}/_{12} \times 8^{8}/_{15}$

Answer: _____

74) Find the percentage change from 200 to 456

Answer: _____

75) Decrease 232.2 by 92%

Answer: _____

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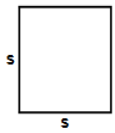
76) Convert the following fraction into a mixed number: $^{50}/_{13}$

Answer: _____

77) 

Find perimeter of square having each side (s) equals 8795 cm

Answer: _____

78) 610 ÷ 10

Answer: _____

79) Round 9.96675291942352 to the nearest whole number.

Answer: _____

80) 7939.4 ÷ 106

Answer: _____

81) 980 ÷ 10

Answer: _____

82) Factorise $s^2 + 8s + 15$

Answer: _____

83) Factorise $s^2 + 8s + 15$

Answer: _____

84) What would you multiply by to increase an amount by 95%?

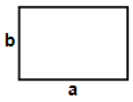
Answer: _____

85) 7503 + (-6430)

Answer: _____

86) 7503 + (-6430)

Answer: _____

87) 

Find area of rectangle having sides a = 6764 cm and b = 1437 cm

Answer: _____

88) Increase 269 by 88%

Answer: _____

89) Increase 269 by 88%

Answer: _____

90) $^{28}/_{11}$ - $^{5}/_{14}$

Answer: _____

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

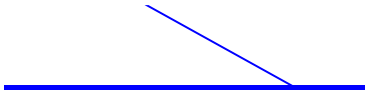
91) 32% of 350

Answer: _____

92) 29425.9 ÷ 889

Answer: _____

93)



A = 29 B

Find the Angle at side B.

Answer: _____

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

11, 0.5, 88, 0.2, 32, 30, 0.1

Answer: _____

95) 04:10 am To 11:23 am

Answer: _____

96) Find the next three numbers in the sequence 48,51,204,207,828,831,3324__,__,__

Answer: _____

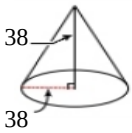
97) Convert the following improper fraction $22^{4}/_{12} + 1^{7}/_{8}$ into a mixed number

Answer: _____

98) 3227 - (-2441)

Answer: _____

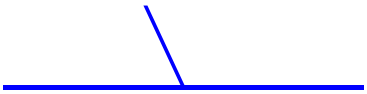
99)



Volume of Cone

Answer: _____

100)



A = 65 B

Find the Angle at side B.

Answer: _____

Total: ___ / 100

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Answers:

1) 311.55	2) 28.5	3) 10×10^{1}	4) $10^{11}/_{21}$	5) 0.37	6) 138	7) 18199215.988499cm
8) 18	9) 1156	10) 21129in	11) $^{0}/_{1}$	12) 5221225in	13) 5 : 15	14) $1^{7}/_{9}$
15) 85	16)	17) 254.6	18) m^{8}	19) 07 Hours 27 Mins	20) 35.88	21) 9
22) 130	23) 0.25	24) 25.95251	25) 30582m	26) 111	27) 111	28) $26^{120}/_{221}$
29) 16405,82025,82030,	30) 16405,82025,82030,	31)	32) $185.35	33) 8452	34) 351.23	35) $24^{0}/_{1}$
36) $^{10}/_{1}$	37) 5^{-3}	38) 12	39) 13.5	40) 4×10^{-4}	41) 94	42) $^{514}/_{19}$
43) $^{514}/_{19}$	44) 169	45) 73	46) 100.8	47) $1^{1}/_{3}$	48) 16884.333333333	49) 14743.494323297
50) 79	51) 22070in	52) 852.72	53) q = 1.1 or -0.9	54) 89.4	55) 135	56) 28
57) 1.23	58) 310	59) $^{317}/_{8}$	60) 14642	61) 74932704m	62) 13804cm	63) 22
64) 21912.608758789	65) 1573888	66) 0.1	67) 49 : 32	68) 290.08	69) (1x + 3)(x + 5)	70) 68657796m
71) 45	72) 149	73) $19^{1}/_{5}$	74) 128%	75) 18.576	76) $3^{11}/_{13}$	77) 35180cm
78) 61	79) 10	80) 74.9	81) 98	82) (s + 3)(s + 5)	83) (s + 3)(s + 5)	84) 1.95
85) 1073	86) 1073	87) 9719868cm	88) 505.72	89) 505.72	90) $2^{29}/_{154}$	91) 112
92) 33.1	93) 151	94) 23.11	95) 07 Hours 13 Mins	96) 3327,13308,13311,	97) $24^{5}/_{24}$	98) 5668
99) 57461.82402926	100) 115					

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