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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

1) 60 ÷ 10

Answer: _____

2) A number is chosen at random from 1 to 25. Find the probability of selecting factors of 6.

Answer: _____

3) Increase 94 by $^{1}/_{47}$

Answer: _____

4) 50 ÷ (-5)

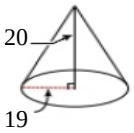
Answer: _____

5) Factorise $j^2 + 9j + 14$

Answer: _____

6) Share 28 in the ratio 12:2

Answer: _____

7) 

Volume of Cone

Answer: _____

8) Convert the following improper fraction $2^{6}/_{7} + 5^{1}/_{6}$ into a mixed number

Answer: _____

9) **5** $^{1}/_{2}$ **- 6** $^{1}/_{2}$

Answer: _____

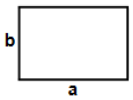
10)

Name the type of angle.

Answer: _____

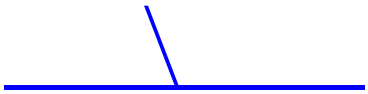
11) 50 - (-16)

Answer: _____

12) 

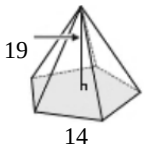
Find perimeter of rectangle having sides a = 59 ft and b = 17 ft

Answer: _____

13) 

Find the Angle at side B.

Answer: _____

14) 

Find Volume of Pentagonal Pyramid

Answer: _____

15) Simplify 14:20

Answer: _____

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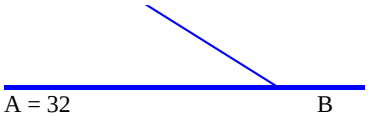
16) 

Find the Angle at side B.

Answer: _____

17) Simplify 12:2

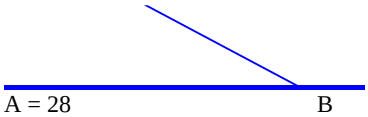
Answer: _____

18) 'What is the probability of rolling factors of 4.when rolling a dice

Answer: _____

19) 13% of 32

Answer: _____

20) 

Find the Angle at side B.

Answer: _____

21) $^{7}/_{2}$ - $^{1}/_{1}$

Answer: _____

22) Find the range of the following set of data:
0.2, 5

Answer: _____

23) 116.64 ÷ 10.8

Answer: _____

24) $5^{2}/_{7} \div 4^{3}/_{4}$

Answer: _____

25) Round 13.0583892 to the nearest whole number.

Answer: _____

26) Find the median of the following set of data:
12, 12, 5, 27, 20, 36, 13, 18

Answer: _____

27) 20 x 100

Answer: _____

28) A number is chosen at random from 1 to 25. Find the probability of selecting divisors of 9.

Answer: _____

29) Round 5.82657 to 1 significant figures.

Answer: _____

30) 87.3 - 88.6

Answer: _____

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31) What would you multiply by to increase an amount by 77%?

Answer: _____

32) What would you multiply by to increase an amount by 77%?

Answer: _____

33) $(3 \times 9^{6}) - (8 \times 2^{-2})$

Answer: _____

34) 30 - (-69)

Answer: _____

35) Decrease 28 by $^{1}/_{14}$

Answer: _____

36) 95 x 39

Answer: _____

37) Write 0.001 in standard form.

Answer: _____

38) $^{19}/_{2} \times {}^{7}/_{6}$

Answer: _____

39) Round 20.846225 to the nearest whole number.

Answer: _____

40) Round 3.073868 to 3 significant figures.

Answer: _____

41) 11000 ÷ 1000

Answer: _____

42) A number is chosen at random from 1 to 25. Find the probability of selecting factors of 6.

Answer: _____

43) Increase 12 by 25%

Answer: _____

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

39, 32, 12, 40, 35, 28, 11

Answer: _____

45) $246.00 earning 7.5% compound interest for 8 years.

Answer: _____

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

46) $246.00 earning 7.5% compound interest for 8 years.

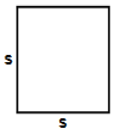
Answer: _____

47) $125^{5/15}$

Answer: _____

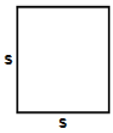
48) 22 x 100

Answer: _____

49) 

Find perimeter of square having each side (s) equals 6 m

Answer: _____

50) 

Find perimeter of square having each side (s) equals 6 m

Answer: _____

51) $18^2 \div 9 + 11$

Answer: _____

52) Factorise $x^2 + 8x + 12$

Answer: _____

53) 12 x (-28)

Answer: _____

54) 'What is the probability of rolling factors of 8.when rolling a dice

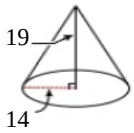
Answer: _____

55) $^{12}/_{4} + {}^{13}/_{5}$

Answer: _____

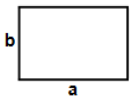
56) $(5 \times 3^1) / (1 \times 9^{-4})$

Answer: _____

57) 

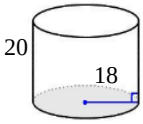
Volume of Cone

Answer: _____

58) 

Find perimeter of rectangle having sides a = 71 ft and b = 64 ft

Answer: _____

59) 

Find Volume of Cylinder

Answer: _____

60) Factorise $j^2 + 5j + 6$

Answer: _____

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61) Convert the following improper fraction $5^1/_2 + 2^5/_6$ into a mixed number

Answer: _____

62) Find the range of the following set of data:

9, 8, 8, 3, 8, 7, 0.9, 6

Answer: _____

63) Share 33 in the ratio 2:9

Answer: _____

64) $(5 \times 2^9) / (9 \times 6^{-4})$

Answer: _____

65) Convert the following improper fraction $4^1/_2 + 4^1/_2$ into a mixed number

Answer: _____

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

4, 1

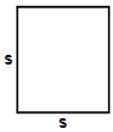
Answer: _____

67) $(q^3)^{17}$

Answer: _____

68) Write 6×10^5 as a normal number.

Answer: _____

69) 

Find perimeter of square having each side (s) equals 70 in

Answer: _____

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

16, 16, 48, 48, 48, 48, 48, 30, 30, 30, 30, 30, 30, 38, 38, 38, 38, 12, 12, 12, 12, 12

Answer: _____

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

16, 16, 48, 48, 48, 48, 48, 30, 30, 30, 30, 30, 30, 38, 38, 38, 38, 12, 12, 12, 12, 12

Answer: _____

72) 78.2 - 36.5

Answer: _____

73) Decrease 86 by $^2/_{43}$

Answer: _____

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

28, 7, 4, 7, 27, 32, 9, 21, 12

Answer: _____

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

28, 7, 4, 7, 27, 32, 9, 21, 12

Answer: _____

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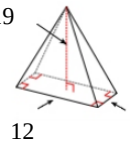
76) Decrease 40 by 35%

Answer: _____

77) Find the next three numbers in the sequence 36,40,120,124,372,376,1128__,__,__

Answer: _____

78) 19



Find Volume of Rectangular Pyramid

Answer: _____

79) 77% of 34

Answer: _____

80) $^{1}/_{16}$ of 32

Answer: _____

81) (-21) x 20

Answer: _____

82) 20 + 40

Answer: _____

83) Round 16.2670 to 3 decimal places.

Answer: _____

84) Round 16.2670 to 3 decimal places.

Answer: _____

85) Write 0.009 in standard form.

Answer: _____

86) Round 1.88085 to the nearest whole number.

Answer: _____

87) 23 x 1000

Answer: _____

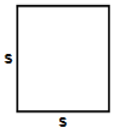
88) Convert the following fraction into a mixed number: $^{7}/_{4}$

Answer: _____

89) $27^{8}/_{12}$

Answer: _____

90)



Find area of square having each side (s) equals 8 in

Answer: _____

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91) Find the value of 's' by completing the square of the following equation: ^{2} + 8s + 16

Answer: _____

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

2, 2, 2, 2, 2, 30, 30, 30, 30, 30, 17, 17, 17, 17, 17, 17

Answer: _____

93) 198 ÷ 18

Answer: _____

94) 'What is the probability of rolling a even prime number.when rolling a dice

Answer: _____

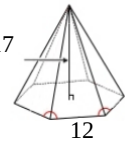
95) Find the next three numbers in the sequence 28,22,33,27,38,32,43__,__,__

Answer: _____

96) Increase 144 by $^{1}/_{72}$

Answer: _____

97) 17



Find Volume of Hexagonal Pyramid

12

12

Answer: _____

98) 08:37 am To 02:49 pm

Answer: _____

99) (-12) ÷ 6

Answer: _____

100) Decrease 28 by 75%

Answer: _____

Total: ___ / 100

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Answers:

1) 6	2) $^{0}/_{1}$	3) 96	4) -10	5) (j + 2)(j + 7)	6) 2 : 26	7) 7560.7663196394
8) $8^{1}/_{42}$	9) 2	10) Acute	11) 66	12) 152ft	13) 111	14) 2135.6859465978
15) 7 : 10	16) 148	17) 6 : 1	18) $^{1}/_{2}$	19) 4.16	20) 152	21) $2^{1}/_{2}$
22) 4.8	23) 10.8	24) $1^{15}/_{133}$	25) 13	26) 23.5	27) 2000	28) $^{3}/_{25}$
29) 6	30) -1.3	31) 1.77	32) 1.77	33) 1594321	34) 99	35) 26
36) 3705	37) 10×10^{-4}	38) $11^{1}/_{12}$	39) 21	40) 3.07	41) 11	42) $^{0}/_{1}$
43) 15	44) 40	45) $438.74	46) $438.74	47) 5	48) 2200	49) 24m
50) 24m	51) 47	52) (x + 2)(x + 6)	53)	54) $^{1}/_{2}$	55) $5^{3}/_{5}$	56) 98415
57) 3899.7636806561	58) 270ft	59) 20357.520395262	60) (j + 2)(j + 3)	61) $8^{1}/_{3}$	62) 8.1	63) 3 : 30
64) 368640	65) 9	66) 2.5	67) q^{51}	68) 600000	69) 280in	70) 30
71) 30	72) 41.7	73) 82	74) 27	75) 27	76) 26	77) 1132,3396,3400,
78) 836	79) 26.18	80) 2	81)	82) 60	83) 16.267	84) 16.267
85) 9×10^{-3}	86) 2	87) 23000	88) $1^{3}/_{4}$	89) 9	90) 64in	91) $(s + 4)^{2}$
92) 17	93) 11	94) $^{1}/_{6}$	95) 37,48,42,	96) 146	97) 2120.0301884643	98) 06 Hours 12 Mins
99) -2	100) 7					

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