Name: _____

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

1) Round 26.3171 to the nearest whole number.

Answer: _____

2) What would you multiply by to increase an amount by 67%?

Answer: _____

3) Write 300000000 in standard form.

Answer: _____

4) 58.2 + 12.7

Answer: _____

5) $^{7}/_{12} \times {}^{2}/_{11}$

Answer: _____

6) $(9 \times 1^{5}) \times (10 \times 3^{1})$

Answer: _____

7) $^{18}/_{1} \div {}^{18}/_{8}$

Answer: _____

8) $\mathbf{2}\ {}^{1}/_{2} - \mathbf{1}\ {}^{3}/_{4}$

Answer: _____

9) $(f^{4})^{20}$

Answer: _____

10) 99% of 35

Answer: _____

11) Find the next three numbers in the sequence 125,120,600,595,2975,2970,14850__,__,__

Answer: _____

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

0.5, 12

Answer: _____

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

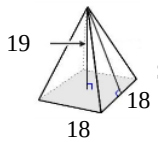
0.5, 12

Answer: _____

14) 74% of 53

Answer: _____

15)



Find Volume of Square Pyramid

Answer: _____

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

16) Solve $4x^2 - 17x - 17 = 0$
Round your solutions to 1 decimal place.

Answer: _____

17) Find the mode of the following set of data:
3, 3, 26, 26, 31, 31

Answer: _____

18) Find the range of the following set of data:
1, 4, 10, 0.9, 0.3, 1

Answer: _____

19) Factorise $7d^2 + 65d + 18$

Answer: _____

20) A number was shared in the ratio 10:2. The smaller share was 5. What was the larger amount?

Answer: _____

21) What would you multiply by to decrease an amount by 68%?

Answer: _____

22) Round 20.95 to the nearest whole number.

Answer: _____

23) 96% of 10

Answer: _____

24) Convert the following mixed number $2^2/_7$ into an improper fraction.

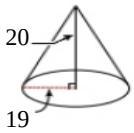
Answer: _____

25) (-76) - 82

Answer: _____

26) (-76) - 82

Answer: _____

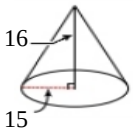
27) 

Volume of Cone

Answer: _____

28) $15^2 - 17 - 16$

Answer: _____

29) 

Volume of Cone

Answer: _____

30) $^{16}/_{12} \div {}^{8}/_{10}$

Answer: _____

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

31) Convert the following fraction into a mixed number: $^{20}/_{9}$

Answer: _____

32) $(q^{17})^{14}$

Answer: _____

33) Decrease 45 by 20%

Answer: _____

34) $^{19}/_{12} \div {}^{10}/_{5}$

Answer: _____

35) 10.9 - 43.7

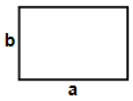
Answer: _____

36) A number is chosen at random from 1 to 25. Find the probability of selecting number less than 9.

Answer: _____

37) A number is chosen at random from 1 to 25. Find the probability of selecting number less than 9.

Answer: _____

38) 

Find area of rectangle having sides a = 88 ft and b = 40 ft

Answer: _____

39) Write 9×10^3 as a normal number.

Answer: _____

40) $(2^{14})^5$

Answer: _____

41) $(7 \times 2^6) + (6 \times 2^3)$

Answer: _____

42) $^{1}/_{40}$ of 280

Answer: _____

43) Decrease 18 by 50%

Answer: _____

44) Decrease 18 by 50%

Answer: _____

45) Write 3×10^9 as a normal number.

Answer: _____

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MATHS WORKSHEET GENERATOR 11-PLUS SATS GCSES

46) **3** $^{1}/_{4}$ **- 5** $^{1}/_{8}$

Answer: _____

47) 5 x 100

Answer: _____

48)

Find area of square having each side (s) equals 97 m

Answer: _____

49) Increase 292 by $^{5}/_{146}$

Answer: _____

50) (-7) ÷ 7

Answer: _____

Total: ___ / 50

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Answers:

1) 26	2) 1.67	3) 3×10^8	4) 70.9	5) $^7/_{66}$	6) 270	7) 8
8) $^3/_4$	9) f^{80}	10) 34.65	11) 14845,74225,74220,	12) 6.25	13) 6.25	14) 39.22
15) 2052	16) x = 5.1 or -0.8	17) 3	18) 9.7	19) (1d + 9)(d + 2)	20) 25	21) 0.32
22) 21	23) 9.6	24) $^{16}/_7$	25) -158	26) -158	27) 7560.7663196394	28) 192
29) 3769.9111843078	30) $1^2/_3$	31) $2^2/_9$	32) q^{238}	33) 36	34) $^{19}/_{24}$	35) -32.8
36) $^8/_{25}$	37) $^8/_{25}$	38) 3520ft	39) 9000	40) 2^{70}	41) 496	42) 7
43) 9	44) 9	45) 3000000000	46) $3^7/_8$	47) 500	48) 9409m	49) 302
50) -1						

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