



1) Increase 186 by $\frac{1}{93}$

Answer: _____

2) A number was shared in the ratio 1:5. The smaller share was 10. What was the larger amount?

Answer: _____

3) $(m^{17})^6$

Answer: _____

4) Decrease 10 by 80%

Answer: _____

5) A number is chosen at random from 1 to 10. Find the probability of selecting number less than 3.

Answer: _____

6) Round 5.71863 to the nearest whole number.

Answer: _____

7) Round 5.71863 to the nearest whole number.

Answer: _____

8) Round 5.71863 to the nearest whole number.

Answer: _____

9) Find the mode of the following set of data:
3, 3, 3, 5, 5, 10, 10, 4, 4

Answer: _____

10) Factorise $d^2 + 9d + 14$

Answer: _____

11) Increase 20 by 55%

Answer: _____

12) Factorise $d^2 + 7d + 12$

Answer: _____

13) $8/5 \times 1/1$

Answer: _____

14) Find the mean of the following set of data:
6, 8, 9, 2, 10

Answer: _____

15) Convert the following mixed number $4\frac{4}{7}$ into an improper fraction.

Answer: _____



16) 1×10

Answer: _____

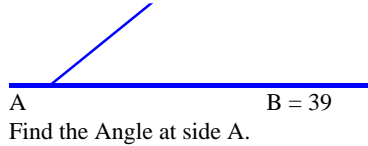
17) $\frac{5^1 / 5^5}{5^{10}}$

Answer: _____

18) Convert the following fraction into a mixed number: $\frac{5}{1}$

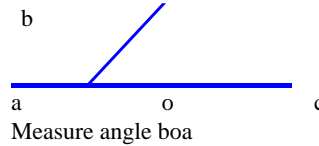
Answer: _____

19)



Answer: _____

20) b



Answer: _____

21) Convert the following fraction into a mixed number: $\frac{6}{1}$

Answer: _____

22) Find the range of the following set of data:
1, 8

Answer: _____

23) A number is chosen at random from 1 to 10. Find the probability of selecting factors of 1 and 1.

Answer: _____

24) Increase 15 by 80%

Answer: _____

25) A number was shared in the ratio 5:11. The smaller share was 20. What was the total amount shared?

Answer: _____

$$26) \quad \frac{m^8 / m^{11}}{m^{17}}$$

Answer: _____

27) Simplify 9:12

Answer: _____

28) Round 24.6267 to 2 decimal places.

Answer: _____

29) $4^8 * 4^9$

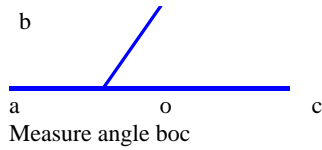
Answer: _____

30) $3 \frac{6}{7} - 3 \frac{6}{8}$

Answer: _____



31) b



Answer: _____

32) Simplify 5:13

Answer: _____

33) 47% of 16

Answer: _____

34) $6 \times 18 + 1 + 2$

Answer: _____

 35) Find the mode of the following set of data:
 4, 4, 8, 8, 8, 8, 8

Answer: _____

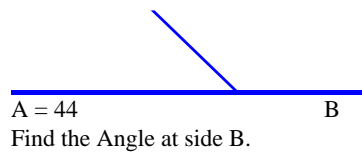
 36) Find the mode of the following set of data:
 2, 2, 2, 2, 7, 7, 6, 6, 6, 6

Answer: _____

37) 9.1×5

Answer: _____

38)



Answer: _____

39) $20 \div 10$

Answer: _____

40) Write 4×10^2 as a normal number.

Answer: _____

41) $\frac{7}{1} \div \frac{3}{1}$

Answer: _____

42) $8 - 7$

Answer: _____

43) 3.3×7.4

Answer: _____

44) 1.6×8.4

Answer: _____

45) $\frac{5}{4} \times \frac{4}{5}$

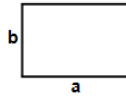
Answer: _____



46) Round 17.8984405 to the nearest 1000

Answer: _____

47)



Find area of
rectangle having
sides $a = 10$ ft
and $b = 10$ ft

Answer: _____

48) Decrease 14 by 50%

Answer: _____

49) Increase 10 by 10%

Answer: _____

50) \$486.00 earning 4% compound interest for 3 years.

Answer: _____

51) \$486.00 earning 4% compound interest for 3 years.

Answer: _____

52) 8 x 1000

Answer: _____

53) Round 15.70214 to the nearest whole number.

Answer: _____

54) Decrease 288 by $\frac{5}{144}$

Answer: _____

55) Find the range of the following set of data:
1, 9, 2

Answer: _____

56) 3 x 100

Answer: _____

57)

'Name the type of angle.

Answer: _____

58) $(-30) \div 5$

Answer: _____

59) Round 6.70143 to the nearest whole number.

Answer: _____

60) Increase 20 by 15%

Answer: _____



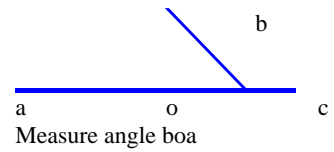
61) Round 1.20 to the nearest whole number.

Answer: _____

62) $7/2 - 6/9$

Answer: _____

63)



Answer: _____

64) Convert the following fraction into a mixed number: $\frac{5}{4}$

Answer: _____

65) $\frac{6}{10} + \frac{1}{8}$

Answer: _____

66) Simplify 2:5

Answer: _____

67) $80 \div 10$

Answer: _____

68) $3 - 2$

Answer: _____

69) $6/2 + 4/5$

Answer: _____

70) Find the median of the following set of data:
27, 25, 29, 14, 38

Answer: _____

71) 9×7

Answer: _____

72) Solve $19q^2 + 3q - 9 = 0$
Round your solutions to 1 decimal place.

Answer: _____

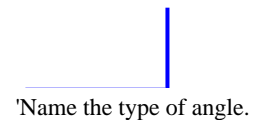
73) Share 16 in the ratio 1:7

Answer: _____

74) $6.3 - 3.2$

Answer: _____

75)



Answer: _____



76) Decrease 65 by $\frac{1}{13}$

Answer: _____

77) $100 \div 10$

Answer: _____

78) $6 + (-6)$

Answer: _____

79) Solve $j^2 - 12j + 3 = 0$
Round your solutions to 1 decimal place.

Answer: _____

80) Solve $j^2 - 12j + 3 = 0$
Round your solutions to 1 decimal place.

Answer: _____

81)

'Name the type of angle.

Answer: _____

82) $10 + (-2)$

Answer: _____

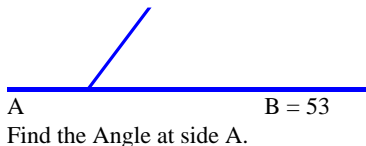
83) $4.7 + 4.9$

Answer: _____

84) Round 1.413 to 2 decimal places.

Answer: _____

85)



Answer: _____

86) 73% of 12


Answer: _____

87) Decrease 20 by 55%

Answer: _____

88) Find the next three numbers in the sequence
4, 5, 10, 11, 22, 23, 46 __, __, __

Answer: _____

89)  Find perimeter of rectangle having sides $a = 5$ in and $b = 1$ in

Answer: _____

90) 2% of 19

Answer: _____

Name: _____

July 20, 2023

MATHS WORKSHEET

GENERATOR

11-PLUS
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Sr: 20072023-3169

91) What would you multiply by to increase an amount by 10%?

Answer: _____

92) Find the mode of the following set of data:
7, 7, 3, 3, 3, 6, 6, 9, 9, 9

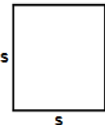
Answer: _____

93) $\frac{5}{7} - \frac{2}{8}$

Answer: _____

94) $9 - 1$

Answer: _____

95)  Find area of square having each side (s) equals 4 ft

Answer: _____

96) Increase 20 by 90%

Answer: _____

97) Convert the following fraction into a mixed number: $\frac{7}{5}$

Answer: _____

98) $3 - 8$

Answer: _____

99) Convert the following fraction into a mixed number: $\frac{9}{5}$

Answer: _____

100) $(-40) \div (-4)$

Answer: _____

Total: ____ / 100