



1)  $\frac{19}{13} \div \frac{30}{15}$


Answer: \_\_\_\_\_

2) A number was shared in the ratio 92:4. The smaller share was 33. What was the larger amount?

Answer: \_\_\_\_\_

3) Find the range of the following set of data:  
0.6, -14, 16, 12

Answer: \_\_\_\_\_

4)  Find perimeter of rectangle having sides  $a = 9972$  in and  $b = 9934$  in

Answer: \_\_\_\_\_

5) Find the range of the following set of data:  
7, 0.1, 14, 12, 10, 19, 16, 14, 0.1

Answer: \_\_\_\_\_

6) Find the range of the following set of data:  
-17, -0.8, 0.1, 3, 5, -16

Answer: \_\_\_\_\_

7)  $(1^2 + 18)^2 \times 6 \div 5$

Answer: \_\_\_\_\_

8)  $8^2 - 8 + (3 - 16)$


Answer: \_\_\_\_\_

9) Find the mean of the following set of data:  
21, 89, 0.3, 0.4, 54

Answer: \_\_\_\_\_

10)  $\frac{15}{11} \div \frac{23}{2}$

Answer: \_\_\_\_\_

11)  Find perimeter of rectangle having sides  $a = 9870$  cm and  $b = 9756$  cm

Answer: \_\_\_\_\_

12) Find the mean of the following set of data:  
0.6, 0.4, 0.9, 29, 21, 0.9, 36

Answer: \_\_\_\_\_

13) Find the median of the following set of data:  
2, 29, 35, 3, 11, 6, 18, 26, 6, 30, 39,  
6, 5, 12, 26, 25, 16, 24, 10, 36

Answer: \_\_\_\_\_

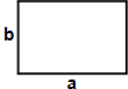
14) Find the range of the following set of data:  
0.2, -18, -6

Answer: \_\_\_\_\_

15)  ${}^{21}_{15} \div {}^{37}_{17}$

Answer: \_\_\_\_\_



- 16)  Find perimeter of rectangle having sides  $a = 5398$  cm and  $b = 3042$  cm

Answer: \_\_\_\_\_

- 17) Find the median of the following set of data:  
36, 13, 36, 20, 26, 18, 4, 29, 14, 3, 36, 11, 37, 5, 35, 3, 16, 21, 7, 7


Answer: \_\_\_\_\_

- 18) Find the median of the following set of data:  
20, 29, 25, 16, 28, 2, 4, 17, 9, 37, 20, 8, 5, 38, 40, 37, 25, 40, 40, 30

Answer: \_\_\_\_\_

- 19)  $14\frac{1}{19} \div \frac{4}{2}$

Answer: \_\_\_\_\_

- 20)  Find perimeter of rectangle having sides  $a = 8791$  cm and  $b = 3344$  cm

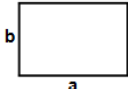
Answer: \_\_\_\_\_

- 21)  $10\frac{1}{1} \div \frac{30}{3}$

Answer: \_\_\_\_\_

- 22) Find the median of the following set of data:  
19, 17, 10, 35, 30, 2, 11, 11, 35, 11, 39, 12, 13, 15, 36, 9, 23, 22, 24, 6

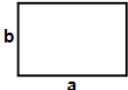
Answer: \_\_\_\_\_

- 23)  Find perimeter of rectangle having sides  $a = 6448$  ft and  $b = 6154$  ft

Answer: \_\_\_\_\_

- 24)  $(15 - 17^2 \times 17) \div 19$

Answer: \_\_\_\_\_

- 25)  Find perimeter of rectangle having sides  $a = 3204$  m and  $b = 2491$  m

Answer: \_\_\_\_\_

- 26) Find the range of the following set of data:  
0.1, 20, -1, -3, 3, 10

Answer: \_\_\_\_\_

- 27) Find the mean of the following set of data:  
0.6, 0.2, 0.7

Answer: \_\_\_\_\_

- 28)  $12 - 1 + (12 - 8)$

Answer: \_\_\_\_\_

- 29) Find the mean of the following set of data:  
0.4, 7, 24, 90, 75, 0.5

Answer: \_\_\_\_\_

- 30) Find the mode of the following set of data:  
192, 192, 192, 192, 192, 192, 26, 26, 26, 26, 34, 34, 34, 34, 34, 2, 2, 2

Answer: \_\_\_\_\_



31)  ${}^{23}_{12}\text{Mg} \div {}^6_{11}\text{B}$

Answer: \_\_\_\_\_

32)  $(3 + 8) + 9^2 + 9$

Answer: \_\_\_\_\_

33) Find the mean of the following set of data:  
97, 24, 79, 0.6, 28

Answer: \_\_\_\_\_

34) A number was shared in the ratio 47:78. The smaller share was 94. What was the total amount shared?

Answer: \_\_\_\_\_

35) Find the median of the following set of data:  
9, 11, 3, 10, 29, 39, 20, 12, 19, 36,  
19, 8, 12, 38, 19, 4, 11, 9, 3, 2


Answer: \_\_\_\_\_

36) Find the range of the following set of data:  
-4, 14, 12, 0, -0.5

Answer: \_\_\_\_\_

37) Find the mode of the following set of data:  
130, 130, 130, 130, 172, 172, 172,  
172, 172, 123, 123, 64, 64, 22, 22,  
22, 53, 53

Answer: \_\_\_\_\_

38)  Find perimeter of rectangle having sides  $a = 8435$  cm and  $b = 3093$  cm

Answer: \_\_\_\_\_

39)  $\frac{21}{2} \div \frac{39}{18}$

Answer: \_\_\_\_\_

40)  ${}_{18}^{29} \div {}_{9}^{26}$

Answer: \_\_\_\_\_

41) Find the mode of the following set of data:  
181, 181, 83, 83, 83, 83, 41, 41,  
117, 117

Answer: \_\_\_\_\_

42)  $(5^2 \div 8) \times (7 \times 13)$

Answer: \_\_\_\_\_

43) Find the median of the following set of data:  
18, 8, 28, 21, 24, 8, 37, 25, 12, 35,  
38, 21, 38, 11, 39, 7, 6, 3, 16, 18

Answer: \_\_\_\_\_

44)  $\frac{5}{11} \div \frac{12}{8}$

Answer: \_\_\_\_\_

45) Find the range of the following set of data:  
17, 13, -6

Answer: \_\_\_\_\_

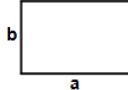


- 46) Find the mean of the following set of data:  
0, 0.1, 0.5, 90, 0.8, 0.5

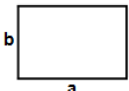
Answer: \_\_\_\_\_

- 47) Find the mode of the following set of data:  
61, 61, 61, 61, 83, 83, 109, 109,  
187, 187, 187

Answer: \_\_\_\_\_

- 48)  Find perimeter of rectangle having sides  $a = 4388$  cm and  $b = 1392$  cm

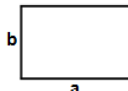
Answer: \_\_\_\_\_

- 49)  Find perimeter of rectangle having sides  $a = 8594$  m and  $b = 6984$  m

Answer: \_\_\_\_\_

- 50)  $(13 - 3) - (16 - 18)$

Answer: \_\_\_\_\_

- 51)  Find perimeter of rectangle having sides  $a = 5761$  in and  $b = 1110$  in

Answer: \_\_\_\_\_

- 52) A number was shared in the ratio 25:66. The smaller share was 25. What was the total amount shared?

Answer: \_\_\_\_\_

- 53)  $\frac{31}{8} \div \frac{5}{5}$

Answer: \_\_\_\_\_

- 54) Find the mean of the following set of data:  
0, 68, 0.2, 36, 1

Answer: \_\_\_\_\_

- 55) Find the median of the following set of data:  
36, 8, 40, 26, 25, 26, 29, 20, 20, 34,  
30, 34, 40, 27, 31, 18, 3, 7, 14, 4

Answer: \_\_\_\_\_

- 56) Find the mode of the following set of data:  
149, 149, 149, 149, 10, 10, 10, 10,  
10, 117, 117, 117, 117, 19, 19, 19,  
19

Answer: \_\_\_\_\_

- 57) Find the mean of the following set of data:  
24, 12, 66, 13, 0.8, 0.1, 0.5, 0.5

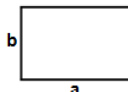
Answer: \_\_\_\_\_

- 58) A number was shared in the ratio 1:70. The smaller share was 86. What was the total amount shared?

Answer: \_\_\_\_\_

- 59) Find the median of the following set of data:  
7, 32, 27, 8, 21, 9, 8, 23, 2, 25, 31,  
15, 20, 22, 17, 3, 25, 23, 13, 5

Answer: \_\_\_\_\_

- 60)  Find perimeter of rectangle having sides  $a = 6956$  cm and  $b = 6721$  cm

Answer: \_\_\_\_\_



61)  $(13 - 2 + 20) - 1$

Answer: \_\_\_\_\_


62) Find the median of the following set of data:  
27, 5, 3, 12, 22, 15, 27, 3, 39, 24,  
20, 8, 28, 7, 25, 14, 17, 40, 25, 10

Answer: \_\_\_\_\_

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

10, 10, 10, 10, 10, 10, 10, 78, 78,  
78, 140, 140, 140, 140, 140, 140,  
140, 72, 72, 72

Answer: \_\_\_\_\_

64)  Find perimeter of rectangle having sides  $a = 5104$  in and  $b = 1631$  in

Answer: \_\_\_\_\_

65)  $(9 + 17) \div (10 + 16)$

Answer: \_\_\_\_\_

66) Find the range of the following set of data:  
20, -11, 6, 0

Answer: \_\_\_\_\_

67)  $\frac{6}{10} \div \frac{15}{8}$

Answer: \_\_\_\_\_

68) Find the mode of the following set of data:  
183, 183, 183, 183, 12, 12, 12, 12,  
12, 190, 190, 190, 190, 190, 57, 57,  
57, 57

Answer: \_\_\_\_\_

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

185, 185, 185, 185, 185, 185, 112,  
112, 112, 112, 166, 166, 166, 166,  
166, 166

Answer: \_\_\_\_\_

70) A number was shared in the ratio 76:57. The larger share was 36. What was the smaller amount?

Answer: \_\_\_\_\_

71) Find the mean of the following set of data:  
0.6, 0.5

Answer: \_\_\_\_\_

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

183, 183, 183, 183, 183, 37, 37, 37,  
179, 179, 179, 179, 179, 179, 41,  
41, 41, 41, 41, 41

Answer: \_\_\_\_\_

73) Find the range of the following set of data:  
7, 13, 18, 0.5, 5, 0.9, 17, -3, 2

Answer: \_\_\_\_\_

74)  ${}^{11}_{19} \div {}^{19}_{/2}$

Answer: \_\_\_\_\_

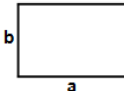
75) A number was shared in the ratio 14:98. The smaller share was 87. What was the larger amount?

Answer: \_\_\_\_\_



- 76) Find the mode of the following set of data:  
 199, 199, 199, 199, 199, 199, 188,  
 188, 188, 188, 188, 187, 187, 187,  
 97, 97, 97, 97, 97, 97

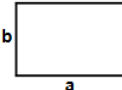
Answer: \_\_\_\_\_

- 77)  Find perimeter of  
 rectangle having  
 sides a = 9624 cm  
 and b = 8887 cm

Answer: \_\_\_\_\_

- 78)  $(1^2 \times 8^2) - (12 \times 2)$

Answer: \_\_\_\_\_

- 79)  Find perimeter of  
 rectangle having  
 sides a = 7774 ft  
 and b = 5762 ft

Answer: \_\_\_\_\_

- 80) Find the mean of the following set of data:  
 0.5, 0.5, 0.1, 60, 82

Answer: \_\_\_\_\_

- 81) Find the range of the following set of data:  
 5, 0.9, 0, 2, -2


Answer: \_\_\_\_\_

- 82) Find the mean of the following set of data:  
 0.6, 69

Answer: \_\_\_\_\_

- 83) Find the mode of the following set of data:  
 48, 48, 48, 48, 48, 142, 142, 142,  
 74, 74, 74, 74, 24, 24, 24, 24

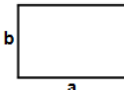
Answer: \_\_\_\_\_

- 84)  Find perimeter of  
 rectangle having  
 sides a = 5528 ft  
 and b = 4397 ft

Answer: \_\_\_\_\_

- 85) A number was shared in the ratio  
 15:57. The smaller share was 55.  
 What was the total amount shared?

Answer: \_\_\_\_\_

- 86)  Find perimeter of  
 rectangle having  
 sides a = 9998 in  
 and b = 9988 in

Answer: \_\_\_\_\_

- 87) Find the range of the following set of data:  
 -0.2, -15, 0.3, 10, 0.2

Answer: \_\_\_\_\_

- 88) Find the mode of the following set of data:  
 66, 66, 66, 66, 34, 34, 34, 34, 34,  
 34, 13, 13, 13, 168, 168, 168, 168,  
 168

Answer: \_\_\_\_\_

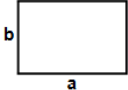
- 89) Find the median of the following set of data:  
 7, 2, 30, 14, 36, 36, 22, 34, 16, 6, 6,  
 27, 29, 7, 4, 8, 7, 34, 19, 39

Answer: \_\_\_\_\_

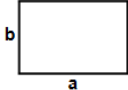
- 90) Find the mode of the following set of data:  
 172, 172, 172, 172, 94, 94, 120,  
 120, 120, 8, 8, 8, 122, 122, 122,  
 122, 122

Answer: \_\_\_\_\_



- 91)  Find perimeter of rectangle having sides  $a = 9297$  cm and  $b = 5237$  cm

Answer: \_\_\_\_\_

- 92)  Find perimeter of rectangle having sides  $a = 8719$  ft and  $b = 7264$  ft

Answer: \_\_\_\_\_

- 93) Find the range of the following set of data:  
-16, -20, 0.8

Answer: \_\_\_\_\_

- 94) Find the mean of the following set of data:  
79, 0.6, 0.4, 0.6, 76

Answer: \_\_\_\_\_

- 95) Find the mean of the following set of data:  
59, 5

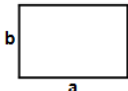
Answer: \_\_\_\_\_

- 96) Find the median of the following set of data:  
23, 30, 2, 18, 26, 35, 4, 18, 38, 35,  
6, 2, 25, 19, 19, 29, 28, 35, 37, 6

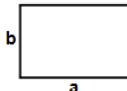
Answer: \_\_\_\_\_

- 97) Find the median of the following set of data:  
35, 9, 32, 4, 14, 28, 17, 3, 23, 14,  
14, 23, 32, 37, 23, 14, 4, 13, 3, 28

Answer: \_\_\_\_\_

- 98)  Find perimeter of rectangle having sides  $a = 7232$  ft and  $b = 3511$  ft

Answer: \_\_\_\_\_

- 99)  Find perimeter of rectangle having sides  $a = 8019$  ft and  $b = 5401$  ft

Answer: \_\_\_\_\_

- 100) Find the range of the following set of data:  
2, 5, 0.5, 18

Answer: \_\_\_\_\_

Total: \_\_\_\_ / 100

Name: \_\_\_\_\_

June 17, 2021

# MATHS WORKSHEET

GENERATOR

11-PLUS  
SATS  
GCSES



## Answers:

- |                       |                      |                       |                       |                      |             |                    |
|-----------------------|----------------------|-----------------------|-----------------------|----------------------|-------------|--------------------|
| 1) $19\frac{1}{26}$   | 2) 759               | 3) 30                 | 4) 39812in            | 5) 18.9              | 6) 22       | 7)                 |
| 8) 43                 | 9) 32.94             | 10) $30\frac{1}{253}$ | 11) 39252cm           | 12) 12.69            | 13) 34.5    | 14) 18.2           |
| 15) $49\frac{1}{185}$ | 16) 16880cm          | 17) 19.5              | 18) 28.5              | 19) $7\frac{1}{19}$  | 20) 24270cm | 21) $1\frac{1}{1}$ |
| 22) 25                | 23) 25204ft          | 24)                   | 25) 11390m            | 26) 23               | 27) 0.5     | 28) 15             |
| 29) 32.82             | 30) 192              | 31) $33\frac{7}{72}$  | 32) 101               | 33) 45.72            | 34) 250     | 35) 27.5           |
| 36) 18                | 37) 172              | 38) 23056cm           | 39) $41\frac{1}{13}$  | 40) $29\frac{1}{52}$ | 41) 83      | 42)                |
| 43) 36.5              | 44) $10\frac{1}{33}$ | 45) 23                | 46) 15.32             | 47) 61               | 48) 11560cm | 49) 31156m         |
| 50) 12                | 51) 13742in          | 52) 91                | 53) $3\frac{7}{8}$    | 54) 21.04            | 55) 32      | 56) 10             |
| 57) 14.61             | 58) 6106             | 59) 28                | 60) 27354cm           | 61) 30               | 62) 22      | 63) 10             |
| 64) 13470in           | 65) 1                | 66) 31                | 67) $8\frac{1}{25}$   | 68) 190              | 69) 185     | 70) 27             |
| 71) 0.55              | 72) 179              | 73) 21                | 74) $22\frac{1}{361}$ | 75) 609              | 76) 199     | 77) 37022cm        |
| 78)                   | 79) 27072ft          | 80) 28.62             | 81) 7                 | 82) 34.8             | 83) 48      | 84) 19850ft        |
| 85) 264               | 86) 39972in          | 87) 25                | 88) 34                | 89) 6                | 90) 122     | 91) 29068cm        |
| 92) 31966ft           | 93) 20.8             | 94) 31.32             | 95) 32                | 96) 20.5             | 97) 14      | 98) 21486ft        |
| 99) 26840ft           | 100) 17.5            |                       |                       |                      |             |                    |