



1) Decrease 40.8 by 79%

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

2) Find the mean of the following set of data:  
2, 25, 0.1

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

3) Round 14.761383 to the nearest whole number.

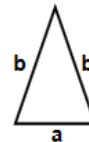
Answer: \_\_\_\_\_

4) Solve by factorising  
 $j^2 + 7j - 8 = 0$ 

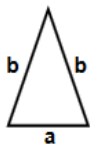
Answer: \_\_\_\_\_

5) Round 19.00237 to the nearest whole number.

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

6) Find perimeter of triangle  
 $a = 981$  m,  $b = 997$  m

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

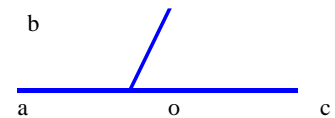
7) Find perimeter of triangle  
 $a = 981$  m,  $b = 997$  m

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

8) Solve  $16q^2 + 19q + 4 = 0$   
Round your solutions to 1 decimal place.

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

9) Measure angle boc



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

10) Find the mode of the following set of data:  
23, 23, 23, 23, 57, 57, 57, 57, 57,  
49, 49, 49, 49, 49

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

11)  $5 \times 13 - 19 \div 15$ 

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

12) Decrease 56.5 by 32%

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

13) Round 25.50560997 to 6 significant figures.

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

14) Find the mean of the following set of data:  
0.3, 0.4, 18

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

15) Find the range of the following set of data:  
17, -17, -4, -0.5

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

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

July 18, 2021

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16)  $\frac{8}{17} + \frac{9}{4}$

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

17) Decrease 260 by  $\frac{1}{130}$

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

18) Write 10000 in standard form.

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

19) Find the mode of the following set of data:  
25, 25, 25, 25, 13, 13, 13, 13, 13,  
13, 75, 75, 75, 75, 19, 19, 19, 19, 19

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

20) Solve by factorising  
 $j^2 + 12j - 13 = 0$

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

**Total: \_\_\_\_ / 20**

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

July 18, 2021

**Sr: 18072021-2260**

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## Answers:

- |                         |                    |         |                      |           |                      |          |
|-------------------------|--------------------|---------|----------------------|-----------|----------------------|----------|
| 1) 8.568                | 2) 9.03            | 3) 15   | 4) $j = 1$ or $-8$   | 5) 19     | 6) 2975m             | 7) 2975m |
| 8) $q = -0.3$ or $-0.9$ | 9) 64              | 10) 49  | 11)                  | 12) 38.42 | 13) 25.5056          | 14) 6.23 |
| 15) 34                  | 16) $2^{49}/_{68}$ | 17) 258 | 18) $10 \times 10^3$ | 19) 13    | 20) $j = 1$ or $-13$ |          |