



- 1) \$96.00 earning 4% compound interest for 4 years.


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

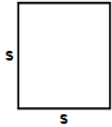
2)  $(7 \times 7^6) \times (1 \times 8^6)$

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

3)  $(8 \times 10^9) / (5 \times 4^5)$

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


4)  Find perimeter of square having each side (s) equals 73 cm

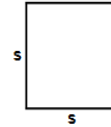


Answer: \_\_\_\_\_

5) Simplify 9:16

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

6)  Find area of square having each side (s) equals 45 cm



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

7) Decrease 10 by 40%

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

8) Find the range of the following set of data:  
8, 1, 5

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

9)  $19/9 - 14/10$

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

10) A number was shared in the ratio 12:5. The smaller share was 15. What was the total amount shared?

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

11) Convert the following fraction into a mixed number:  $\frac{15}{7}$

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

12)  $2 \frac{6}{10} - 3 \frac{2}{3}$

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

13)  $1/_{14}$  of 224

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

14)  $6^{8/10} \div 5^{1/2}$

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

15) An amount was increased by 1% to \$306.00. Find the original amount.

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

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

June 08, 2023

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- 16) Find the median of the following set of data:  
27, 30, 19, 10, 26, 32, 5, 14, 15, 22

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

- 17) Write  $2 \times 10^6$  as a normal number.

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

- 18) Round 20.2676 to 1 significant figures.

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

- 19)  $31.35 \div 5.7$

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

- 20) Find the value of 'q' by completing the square of the following equation:  
 $x^2 + 4x + 4$

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

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

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

June 08, 2023

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**Answers:**

- |              |                    |             |                    |                     |                 |                      |
|--------------|--------------------|-------------|--------------------|---------------------|-----------------|----------------------|
| 1) \$112.31  | 2) 215886856192    | 3) 1562500  | 4) 292cm           | 5) 9 : 16           | 6) 2025cm       | 7) 6                 |
| 8) 7         | 9) $\frac{32}{45}$ | 10) 51      | 11) $2\frac{1}{7}$ | 12) $2\frac{1}{15}$ | 13) 16          | 14) $1\frac{13}{55}$ |
| 15) \$302.97 | 16) 29             | 17) 2000000 | 18) 20             | 19) 5.5             | 20) $(q + 2)^2$ |                      |