



1) Convert the following improper fraction  $13\frac{7}{11} + 19\frac{5}{6}$  into a mixed number

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

2)  $17^{6/7} \div 1^{2/13}$

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

3) Find the percentage change from 4 to 42

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

4) 27% of 94

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

5) Round 5.538139 to the nearest 10000

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

6)  $10^{15/20} \div 14^{1/2}$

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

7) Find the percentage change from 15 to 21

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

8) 33% of 22

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

9) Round 25.219699806 to 4 significant figures.

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

10) Find the percentage change from 50 to 64

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

11) An amount was increased by 10% to \$165.18. Find the original amount.

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

12) Round 3.7856692 to the nearest 10

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

13) 61% of 31

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

14) Round 14.16957 to 1 significant figures.

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

15)  $10^{4/7} \div 12^{11/13}$

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

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

September 11, 2020

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- 16) An amount was decreased by 1% to \$404.00. Find the original amount.

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

- 17) Convert the following improper fraction  $16\frac{3}{7} + 7\frac{12}{13}$  into a mixed number

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

- 18) 15% of 50

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

- 19) Round 18.59425 to 3 significant figures.

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

- 20) An amount was decreased by 7.2% to \$256.15. Find the original amount.

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

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

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

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## Answers:

- |                        |                      |                       |              |           |                    |        |
|------------------------|----------------------|-----------------------|--------------|-----------|--------------------|--------|
| 1) $33\frac{31}{66}$   | 2) $15\frac{10}{21}$ | 3) 950%               | 4) 25.38     | 5) 5.5381 | 6) $\frac{43}{58}$ | 7) 40% |
| 8) 7.26                | 9) 25.21             | 10) 28%               | 11) \$150.16 | 12) 3.8   | 13) 18.91          | 14) 10 |
| 15) $\frac{962}{1169}$ | 16) \$399.96         | 17) $24\frac{32}{91}$ | 18) 7.5      | 19) 18.6  | 20) \$237.71       |        |