




1) $15^{6/7} \div 11^{4/5}$

Answer: _____

$$2) \quad 17^{13}_{17} \times 5^9_{13}$$

Answer: _____

3)  Find perimeter of rectangle having sides $a = 1000$ m and $b = 964$ m

Answer: _____

4) What would you multiply by to increase an amount by 5%?

Answer: _____

5) 868 - 680


Answer: _____

6) 868 - 680

Answer: _____

7) $(13 + 2 + 1) \times 14$

Answer: _____

8)  Find area of triangle
 $s = 820$ in

Answer: _____

9) Convert the following improper fraction $3\frac{1}{15} + 7\frac{2}{3}$ into a mixed number

Answer: _____

10) An amount was decreased by 7.9% to \$58.00. Find the original amount.


Answer: _____

11) Find the value of 'x' by completing the square of the following equation:
 $x^2 + 10x + 16$

Answer: _____

12) Find the mean of the following set of data:
36, 0.5, 11, 0.7

Answer: _____

13)  Find area of square having each side (s) equals 535 m

Answer: _____

14) Find the range of the following set of data:
-19, -19, 2, 11, -0.4

Answer: _____

15) A number was shared in the ratio 7:38. The smaller share was 7. What was the total amount shared?

Answer: _____

Name: _____

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- 16) Find the next three numbers in the sequence
18,20,60,62,186,188,564 __, __, __

Answer: _____

17) $14\frac{7}{11} \div 20\frac{8}{17}$

Answer: _____

- 18) Convert the following mixed number $5\frac{6}{9}$ into an improper fraction.

Answer: _____

- 19) Convert the following improper fraction $18\frac{2}{17} + 13\frac{2}{3}$ into a mixed number

Answer: _____

20) $384 - 310$

Answer: _____

Total: ____ / 20

Name: _____

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Answers:

- | | | | | | | |
|----------------------|----------------------|-----------------------|---------------------|---------------------|-------------|--------|
| 1) $1^{142}/_{413}$ | 2) $101^{27}/_{221}$ | 3) 3928m | 4) 1.05 | 5) 188 | 6) 188 | 7) |
| 8) 291157.74075233in | 9) $10^{11}/_{15}$ | 10) \$53.42 | 11) $(x + 5)^2 - 9$ | 12) 12.05 | 13) 286225m | 14) 30 |
| 15) 45 | 16) 566,1698,1700, | 17) $27^{37}/_{3828}$ | 18) $17/_{3}$ | 19) $31^{40}/_{51}$ | 20) 74 | |