

NAME \_\_\_\_\_

MATH 095  
CHAPTER 1 REVIEW  
SHOW ALL WORK

**Determine the place value of the digit 3 in the whole number.**

1) 30,542

**Write the whole number in words.**

2) 135,060

**Write the whole number in standard form.**

3) One hundred million, six thousand

The table shows the number of votes received by each candidate in the last election.

Candidate	Votes
Mr. Olsen	2078
Ms. Li	3760
Mr. Barone	2780
Ms. Vaporis	3706

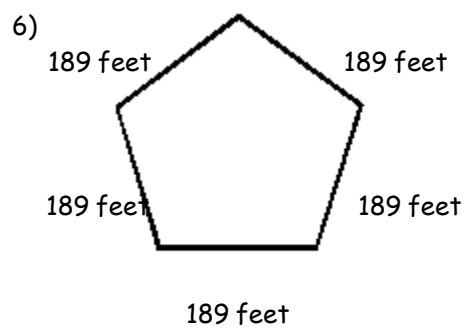
4) Which candidate was in second place in the election?

Add.

5)

$$\begin{array}{r} 9369 \\ 439 \\ 27 \\ + \underline{1163} \end{array}$$

Find the perimeter.



**Solve.**

7) A town's population in 1976 was 121,125. By the year 2000 it had increased by 29,752. How many people lived there in 2000?

**Subtract.**

8)  
939  
- 163

**Solve.**

9) A camera that sells regularly for \$490 is discounted by \$89 in a sale. What is the sale price?

**Round the whole number to the given place value.**

10) 327,850 to the nearest ten thousand

**Estimate the sum or difference by rounding each number to the nearest ten.**

11)

55  
85  
37  
57  
+ 25

**Use the distributive property to rewrite the expression.**

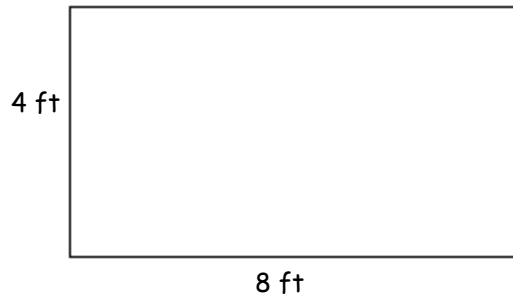
12)  $3(5 + 6)$

**Multiply.**

$$\begin{array}{r} 13) \phantom{00} \\ 644 \\ \times \underline{831} \\ \hline \end{array}$$

**Find the area of the rectangle.**

14)



**Find the quotient.**

15)  $\frac{15}{3}$

16)  $0 \div 60$

17)  $\frac{2}{0}$

**Divide.**

18)  $36 \overline{)33,588}$

**Solve.**

19) Ms. Losch has a piece of rope 197 feet long that she cuts into pieces for an experiment in her first-grade class. Each piece of rope is to be 9 feet long. How many 9 foot long pieces of rope can she cut from the original piece of rope?

**Find the average of the list of numbers.**

20) 83, 69, 52, 47, 76, 51

**Write using exponential notation.**

21)  $6 \cdot 6 \cdot 3 \cdot 3 \cdot 3 \cdot 3$

**Evaluate.**

22)  $7^3$

**Simplify.**

23)  $[38 - (4 + 6) \div 2] - [1 + 9 \div 3]$

**Evaluate the expression for the given replacement values.**

24)  $5x^2 + 10y$  for  $x = 2, y = 9$

**Write the phrase as a variable expression. Use  $x$  to represent "a number."**

25) 7 less than 4 times a number