

Problems 1 to 3: List ALL the factors of the following:

1) 72

2) $15a^2b$

3) $12de$

Problems 4 to 7: Prime factor the numbers and list both expanded and exponential forms.

4) 124

5) $120d^4ef^2$

6) 48

7) 29

Problems 8 to 11: Find the GCF and LCM of the following using prime factorization:

72 and 30

8) GCF = _____

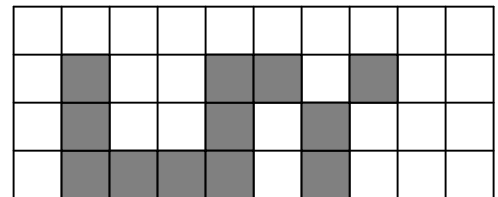
9) LCM = _____

$36xy^2$ and $60x^2y$

10) GCF = _____

11) LCM = _____

- 12) Write the shaded portion of the following rectangle as a **fraction, decimal, and a percent.**



- 13) Of 36 tests, 4 are A's, 6 are B's, 16 are C's, 7 are D's and 3 are F's. Write the number of C's as a **fraction, decimal and a percent.**

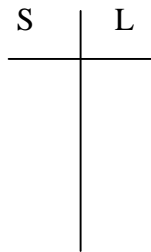
Problems 14 to 19: Fill-in the other two forms of the given number:

	Decimal	Fraction	Percent
14) & 15)	0.348	_____	_____
16) & 17)	_____	$\frac{7}{16}$	_____
18) & 19)	_____	_____	0.24%

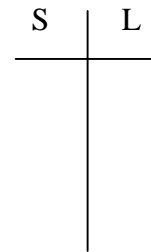
Problems 20 to 23: Use the following data:

86, 80, 78, 52, 64, 54, 76, 63, 52, 80, 48, 62, 77, 64, 80, 47, 52, 62, 45, 65, 81

20) Make a stem and leaf plot

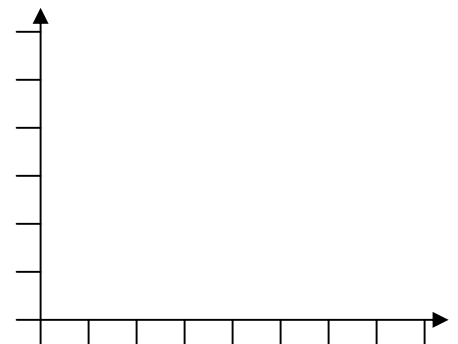


21) Put the stem and leaf plot in numerical order



22) List the data in the correct numerical order.

23) Make a histogram of the data. On the *y*-axis start with 0 and use intervals of 1.



24) Using 72 squares, how many different rectangles can you make? Make a sketch of each one.