Show what you Know about Math!   Name_____

How do you feel about Math? Circle one

Recall: We can represent a number several ways

| Standard Form	Expanded form	Word form
6 458	6000 + 400 + 50 + 8	six thousand four hundred fifty-eight

1) Write **6 902** in word form.	
2) Write **700 + 60 + 2** in standard form.	3) Write the number **nine hundred thirty-seven** in standard form.
4) Write the number **nine thousand twenty-eight** in standard form.	5) Write the value of the underlined digit. **5**26
6) Write the value of the underlined digit. **4** 904	7) Write a number greater than **3 450** and less than **4 000**.
8) Write the number **9 067** in expanded form.	
9) Fill in the blanks to continue the counting pattern: **997 , 998 ,** _____ **,** _____ **,** _____	

10) What whole number is represented here?
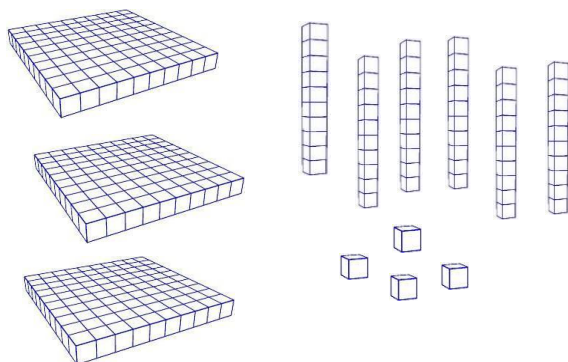
11) What whole number is represented here?
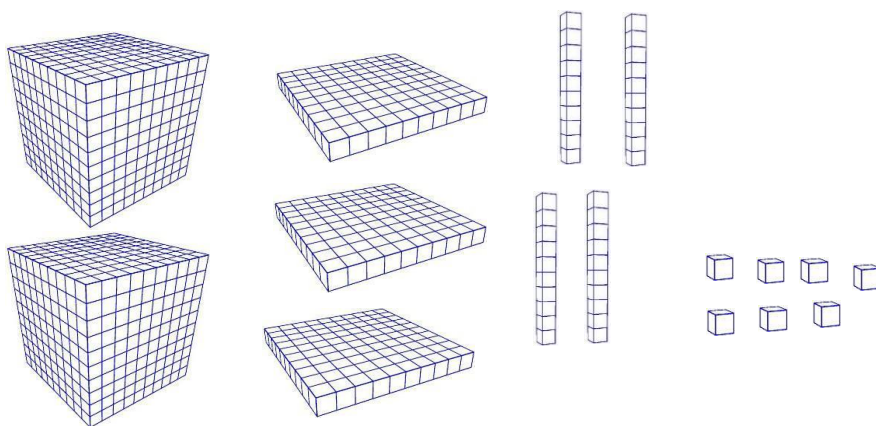
12) Order these numbers from **least to greatest.**

| 5 951 | 8 279 | 738 | 8 104 |

_____ _____ _____ _____

13) Fill in the blanks (Continue the pattern).

754, 764, 774, 784, _____ , _____ , _____

14) How much money?

15) Skip count by 3.	16) Skip count by 10 starting at 22.
__3__ _____ _____ _____ _____ _____	__22_ _____ _____ _____ _____ _____

17) Estimate the sum of the following. Show your strategy. **795 + 112**	18) Add. **5 341 + 3 201 =**
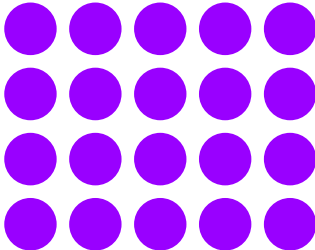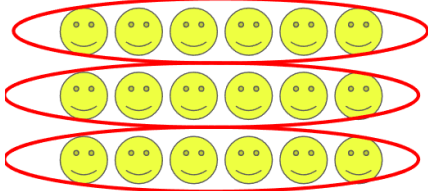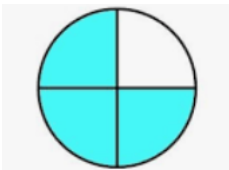
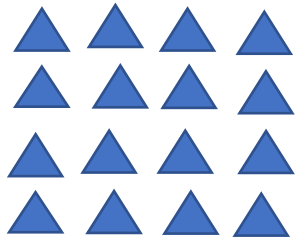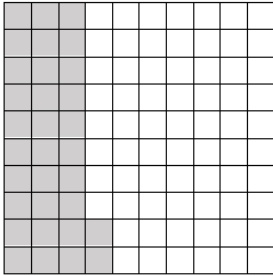| 19) Add. **1 422** **+ 6 381**	20) Subtract. **4 381** **- 270**
21) Subtract. **4 634 − 2 581 =**	22) Rewrite 3+3+3+3 as a multiplication sentence. _____ X _____ = _____

23) **5 X 2 = 10** Write the related division sentence. _____ ÷_____ = _____	24) Divide. **20 ÷ 5 =**	25) Multiply. **9 X 6=**
26) Multiply. **5 X 7=**	27) Multiply. **3 x 15 =**	

28) What multiplication sentence could represent this array?	29) What division sentence does this array represent?

30) There are 22 crayons to be shared equally by 4 students. How many crayons can each student get? Are there any left over?

31) Multiply.
 	
    4 × 675 =
	32) Multiply.
	
	    400 x 7 =

33) Divide.
 	
    72 ÷ 9 =
	34) Divide. Show remainder.
	
	    37 ÷ 3 =

35) **Estimate.** **623 - 196**	36) Name the fraction. 	37) There are 16 triangles. Circle $\frac{7}{16}$.

38) Shade $\frac{4}{5}$ of this chocolate bar. 	39) Draw a picture to show $\frac{5}{8}$

40) Insert either **<**, **>**, or **=** between these two fractions. $$\frac{3}{9} \quad \boxed{} \quad \frac{7}{9}$$	41) Circle the larger fraction. $$\frac{3}{4} \qquad \frac{3}{6}$$
42) What fraction of these items is ball gloves?	43) This *hundredths grid* represents **one whole**. Express the shaded part as a decimal.
44) State the value of the underlined digit. 6.<u>4</u>7	45) Put <, >, or = in the box. 8.64 $\boxed{}$ 8.9
46) Put <, >, or = in the box. 3.9 $\boxed{}$ 3.90	47) Write $\dfrac{7}{10}$ as a decimal.
48) Add. 5.63 + 2.8	49) Add. $$\begin{array}{r} \$10.72 \\ +\underline{\$12.56} \end{array}$$

50) Subtract.
 	
    4.8 − 2.43 =
	51) What number does the triangle represent?
	
	    6 + ▲ **= 14**

52) Extend the chart for the pattern of blocks.
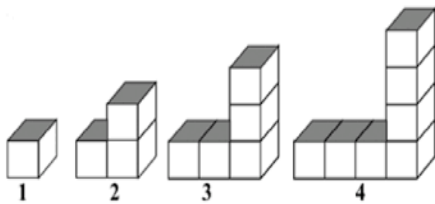
Chart

Level	Number of Blocks
1	1
2	3
3	5
4	
5	

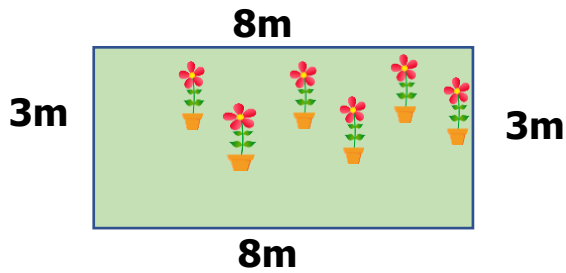| 53) Write an equation with a variable to show **five groups of a number is 3.**	54) Write an equation with a variable to show **a number is 4 less than 25.**
55) Four friends each bought a package of game cards. All together they have 32 cards. **Write an equation using the variable x to represent how many cards are in each package.**	56) Write an equation with a variable for **7 more than a number is 18.**

57) Find the **perimeter** of the garden.	58) What is the **area** of this rectangle?
8m **3m** **3m** **8m**	**5cm** **3cm**
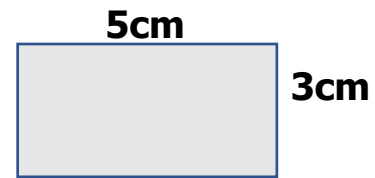
59) The area of this rectangle is 24m², what could the length and width be?	60) What time is it?

61) How many people chose comedy as their favorite type of movie?