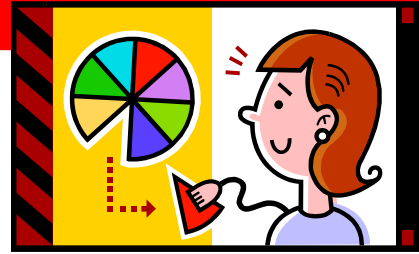


# Fifth Grade Math Expectations



## I can...

### Number and Operation

- 1a. add and subtract fractions
- 1b. add and subtract decimals
- 2a. multiply 2 and 3-digit numbers by a 1 or 2-digit number.
- 2b. divide a 2 or 3-digit number by a 1 or 2-digit number.
3. explain the value of a digit in the thousandths place.
4. order fractions and decimals by comparing and finding equivalent fractions and decimals.
5. convert among fractions, decimals, and percents.

### Algebra

- 1 a. replace a letter with a number to solve a number sentence.
- 1b. write a number sentence explaining what rule is being used.

example:

IN (x)	OUT (y)
3	75
	100

$$x * 25 = y$$
$$\text{in} * 25 = \text{OUT}$$

### Data

- 1a. make a line plot from a set of numbers.
- 1b. analyze a line plot.
2. interpret a data set by finding its median, mode, and range.

### Geometry

1. create and/or identify 3 types of angles - acute, obtuse, and right.
2. measure angles within 2° above/below "accurate" measure.
- 3a. use two numbers (a coordinate pair) to plot a point on a coordinate graph's first quadrant.
- 3b. write a coordinate pair from a point on a graph's first quadrant.

### Measurement

1. measure an object to the nearest 1/8 of an inch using a ruler.
2. find the area of rectangles, parallelograms, and triangles.

### Problem Solving

1. a. use what I know about math to make sense of and solve a variety of problem
- b. stick with a problem until I have a solution.
2. a. explain how I solved a problem verbally and in writing.
- b. check to see if my work is reasonable and complete.

