

Math Folder Resources

Multiplication Table

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120

100s Chart

3	4	5	6	7	8
13	14	15	16	17	18
23	24	25	26	27	28
33	34	35	36	37	38
43	44	45	46	47	48
53	54	55	56	57	58
63	64	65	66	67	68
73	74	75	76	77	78
83	84	85	86	87	88

Fraction Bars

1

$\frac{1}{2}$ $\frac{1}{2}$


$\frac{1}{3}$ $\frac{1}{3}$ $\frac{1}{3}$

$\frac{1}{4}$

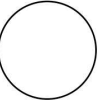
$\frac{1}{5}$

$\frac{1}{6}$

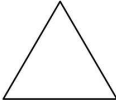
Shapes



Square



Circle

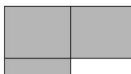


Triangle

Fractions

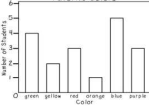
$\frac{3}{4}$ Numerator

Denominator



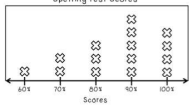
Graphs

Favorite Colors



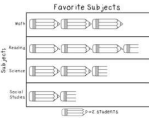
Bar Graph

Spelling Test Scores



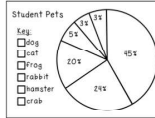
Line Plot Graph

Favorite Subjects



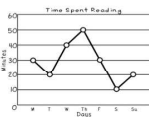
Pictograph

Student Pets




Circle Graph

Time Spent Reading



Line Graph

What did you eat for lunch?

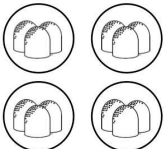


Tally Chart

Multiplication

$4 \times 3 = 12$

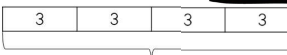
4 groups of 3



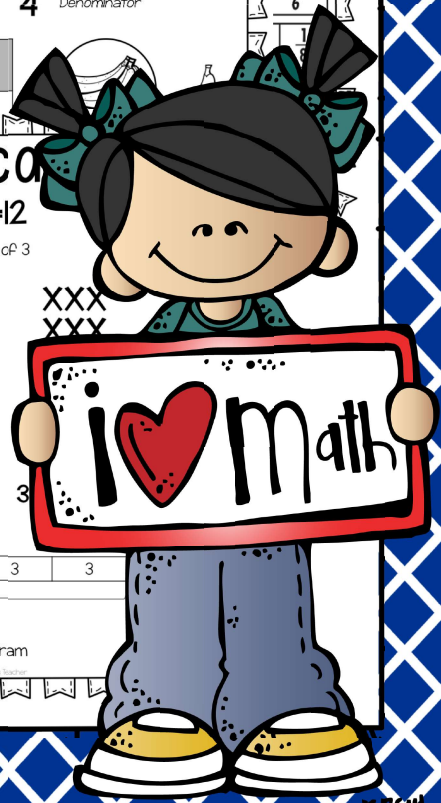
Equal Groups

$3 + 3 + 3 = 12$

Repeated Addition



Tape Diagram

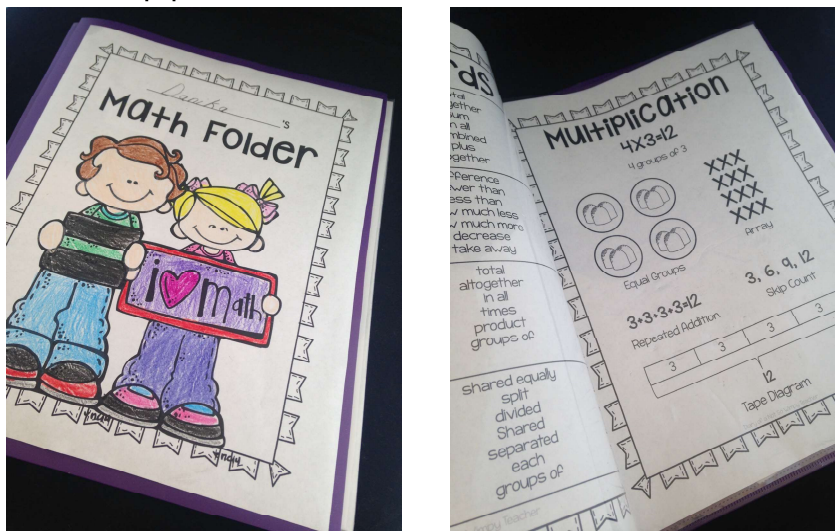


Teacher Notes

My students have a math folder in their desk. It is a standard three prong folder. They keep their work in the folder. I also like to put several resources in page protectors. These resources help my students when they are working on independent work.

These posters can also be glued into math notebooks. If your students use composition books, print the pages at 80% and they will fit perfectly.

I also put many of these resources in my students' homework binders. Students can use them when working on their homework and parents appreciate the reminders too!



_____ 's

Math Folder



©ndy

©ndy

100s Chart

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

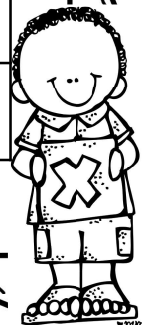
Diary of a Not So Wimpy Teacher



Multiplication Table

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

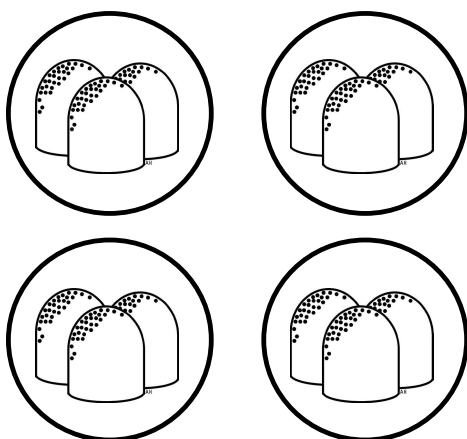
Diary of a Not So Wimpy Teacher



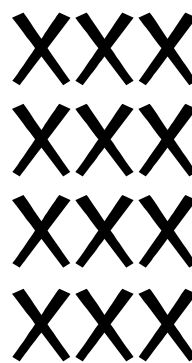
Multiplication

$$4 \times 3 = 12$$

4 groups of 3



Equal Groups



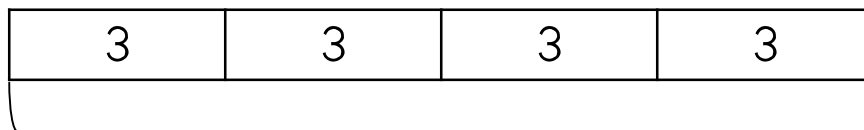
Array

$$3 + 3 + 3 + 3 = 12$$

Repeated Addition

3, 6, 9, 12

Skip Count



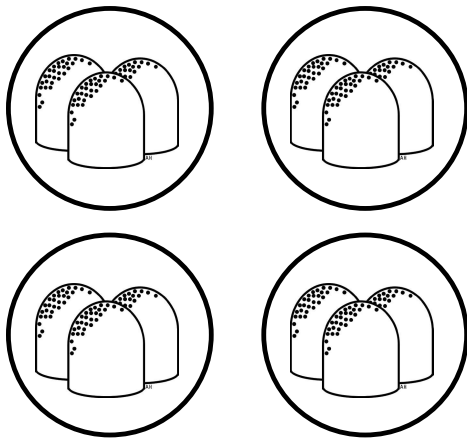
12

Tape Diagram

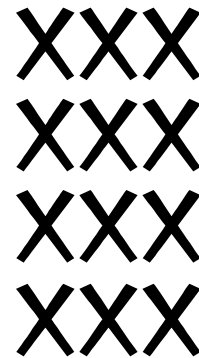
DiViSiOn

$$12 \div 4 = 3$$

12 divided into 4 equal groups



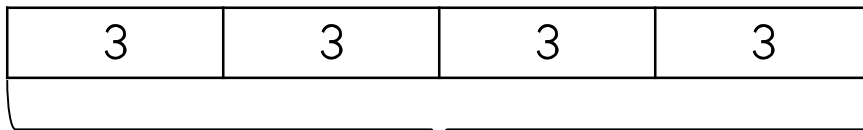
Equal Groups



Array

$$12 - 4 = 8 \quad 8 - 4 = 4 \quad 4 - 4 = 0$$

Repeated Subtraction



12

Tape Diagram

Key Words

Addition



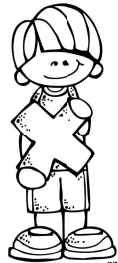
total
altogether
sum
in all
combined
plus
together

Subtraction



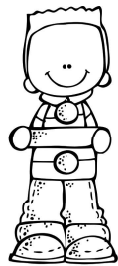
difference
fewer than
less than
how much less
how much more
decrease
take away

Multiplication



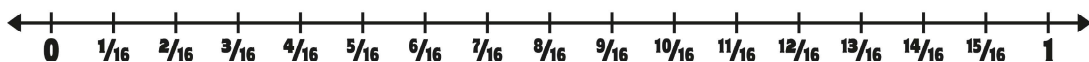
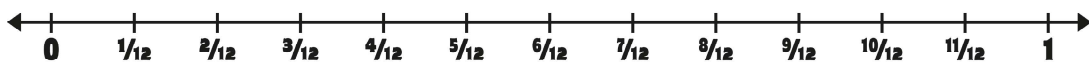
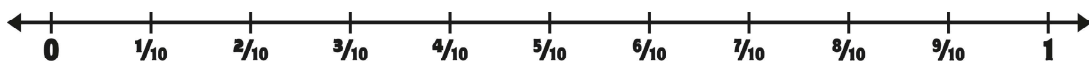
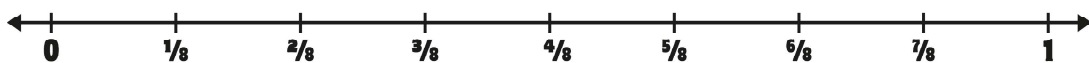
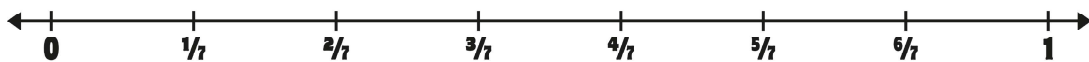
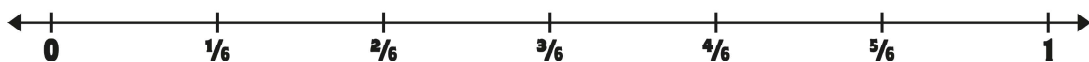
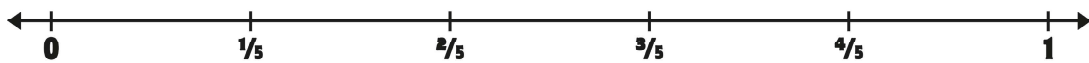
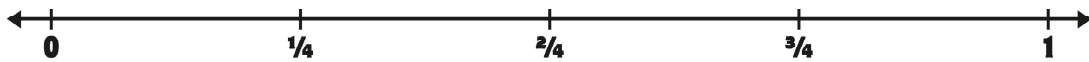
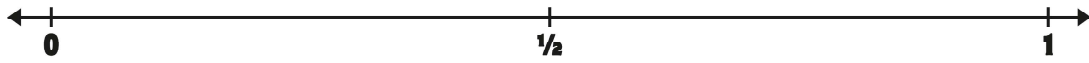
total
altogether
in all
times
product
groups of

Division



shared equally
split
divided
Shared
separated
each
groups of

Fraction Number Lines



Fraction Bars

1

$\frac{1}{2}$

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{3}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{5}$

$\frac{1}{5}$

$\frac{1}{5}$

$\frac{1}{5}$

$\frac{1}{5}$

$\frac{1}{6}$

$\frac{1}{6}$

$\frac{1}{6}$

$\frac{1}{6}$

$\frac{1}{6}$

$\frac{1}{6}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{10}$

$\frac{1}{10}$

$\frac{1}{10}$

$\frac{1}{10}$

$\frac{1}{10}$

$\frac{1}{10}$

$\frac{1}{10}$

$\frac{1}{10}$

$\frac{1}{10}$

$\frac{1}{10}$

$\frac{1}{12}$

$\frac{1}{12}$

$\frac{1}{12}$

$\frac{1}{12}$

$\frac{1}{12}$

$\frac{1}{12}$

$\frac{1}{12}$

$\frac{1}{12}$

$\frac{1}{12}$

$\frac{1}{12}$

$\frac{1}{12}$

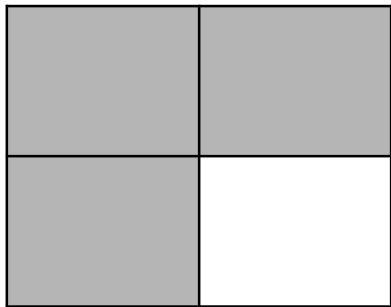
$\frac{1}{12}$

Fractions

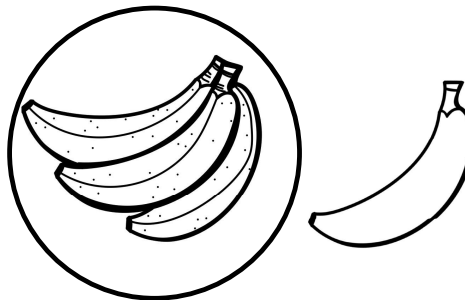
$$\frac{3}{4}$$

Numerator

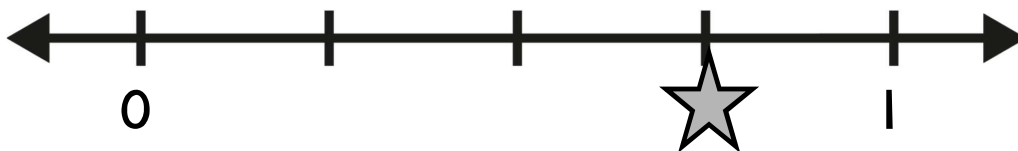
Denominator



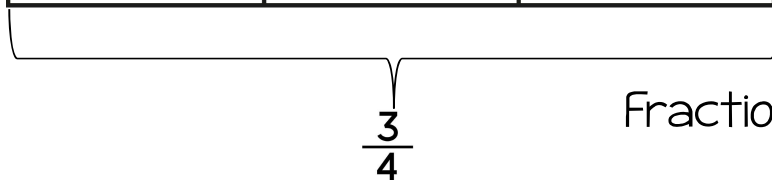
Fraction of a Shape



Fraction of a Set



Fraction on a Number Line

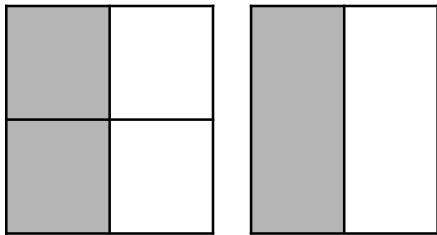


Fraction Bar

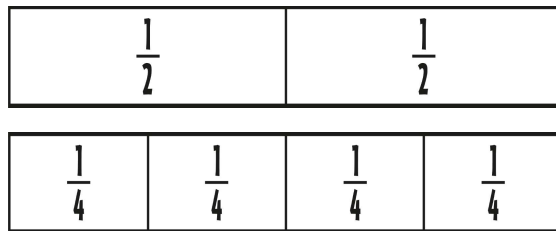
Equivalent Fractions

Two Fractions that are Equal

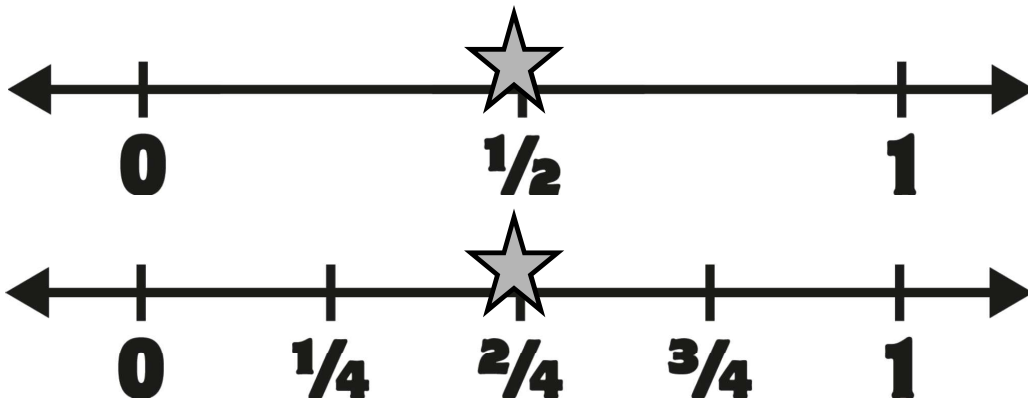
$$\frac{2}{4} = \frac{1}{2}$$



Shapes

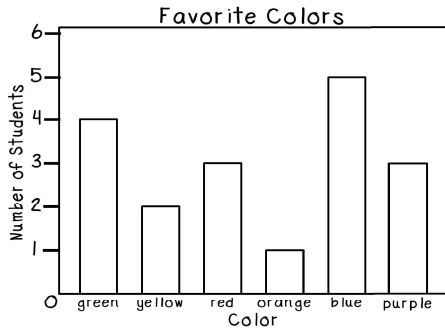


Fraction Bars

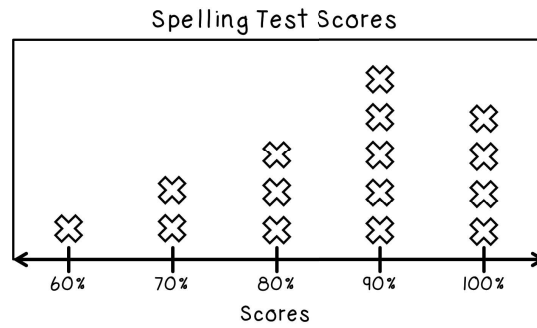


Number Lines

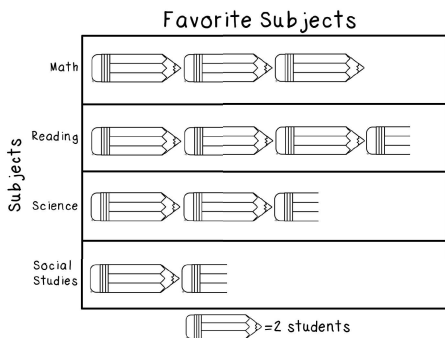
Graphs



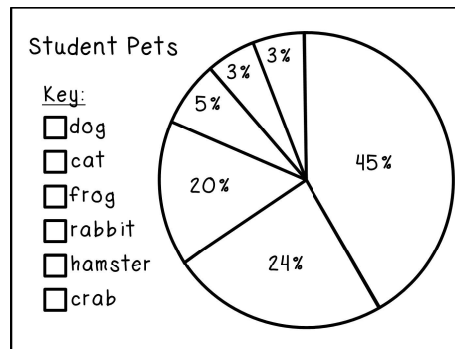
Bar Graph



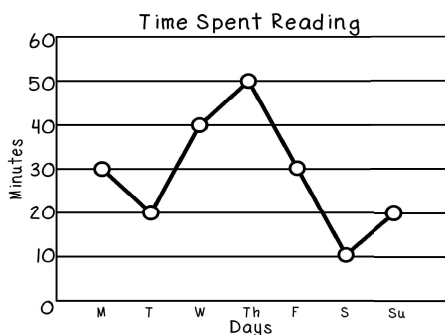
Line Plot Graph



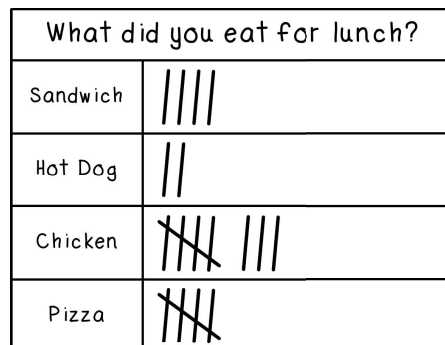
Pictograph



Circle Graph

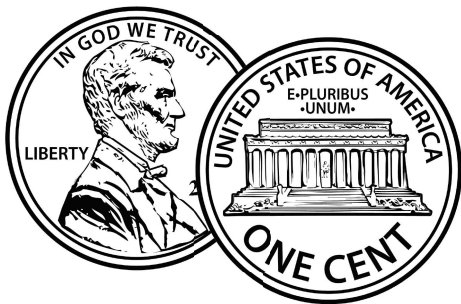


Line Graph

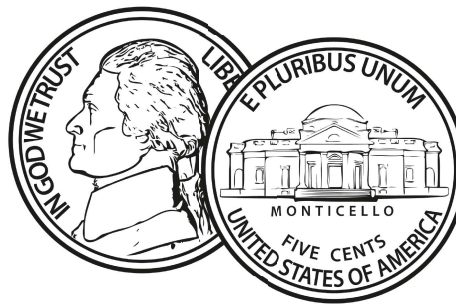


Tally Chart

Money



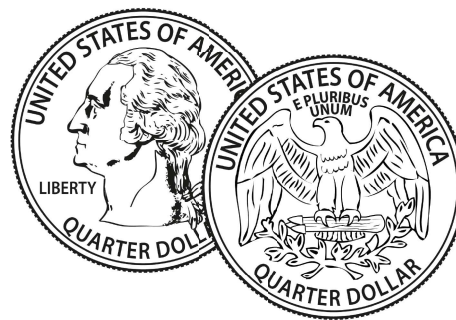
Penny
One Cent



Nickel
Five Cents



Dime
Ten Cents



Quarter
Twenty-five Cents



\$1.00
One Dollar = 100 cents



Area & Perimeter

Area

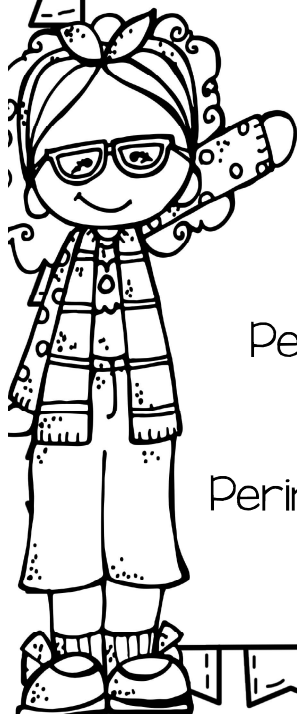
Area is the measurement of the inside of a shape. It is measured in square units.

$$\text{Area} = \text{length} \times \text{width}$$

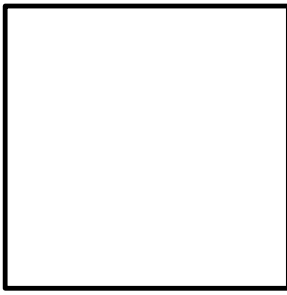
Perimeter

Perimeter is the measurement of the outside of a shape.

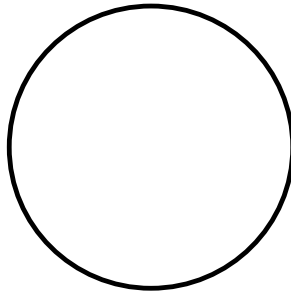
$$\text{Perimeter} = \text{length} + \text{width} + \text{length} + \text{width}$$



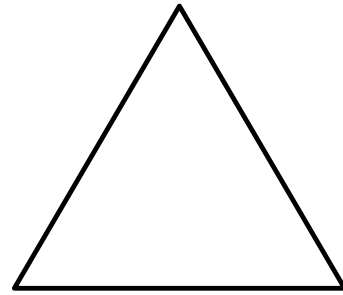
Shapes



Square



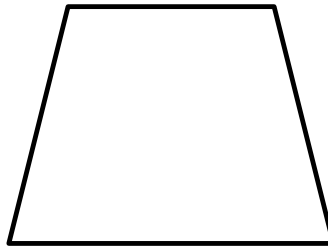
Circle



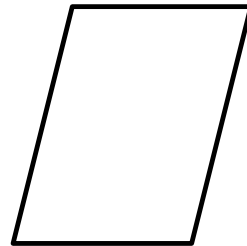
Triangle



Rectangle



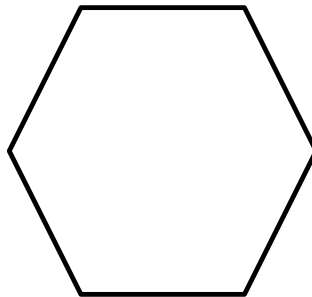
Trapezoid



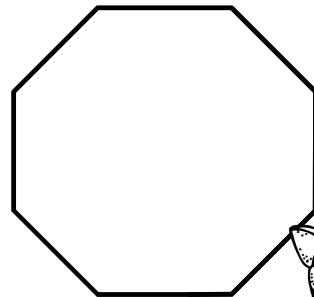
Rhombus



Parallelogram



Hexagon



Octagon





Teacher Notes

The following pages are good for continued practice of skills. Have students put them in page protectors and write on them using dry erase markers. These are perfect activities for a warm-up, small group or intervention.

CLOCK:

Give students a digital time and have them draw the hands on the clock.

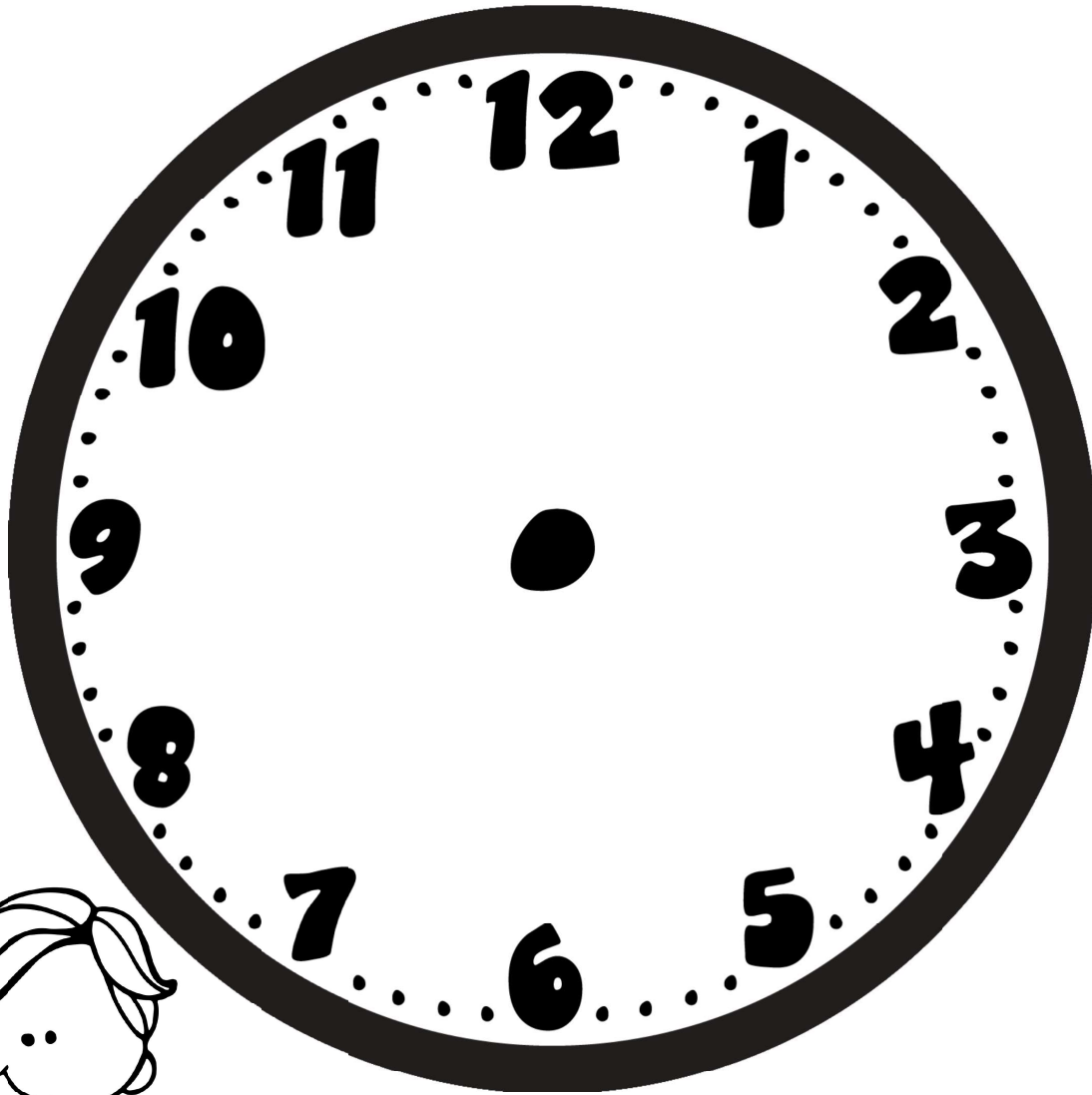
Graph Paper:

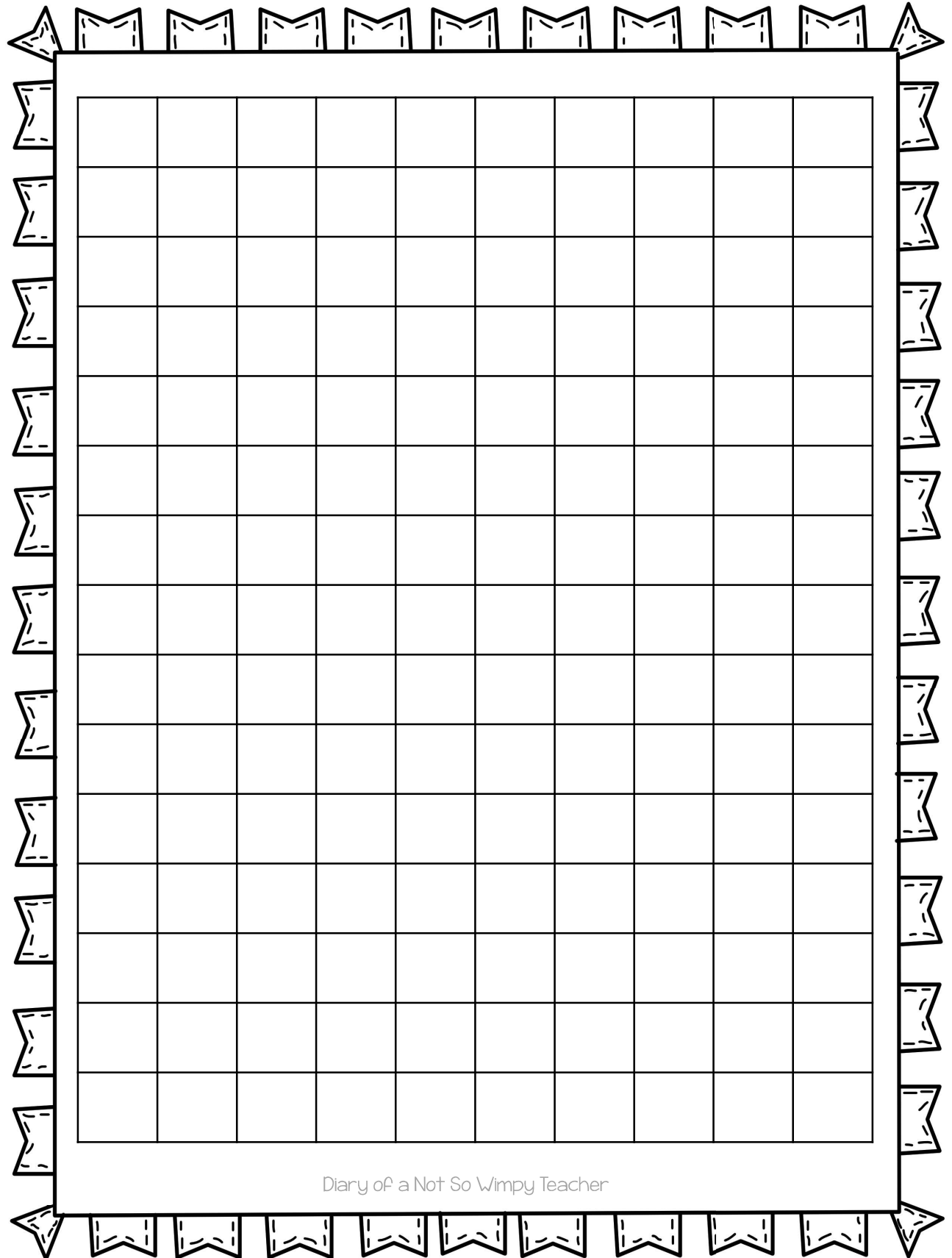
This can be used to make arrays when studying multiplication. Give students a multiplication fact and have them shade in the array. It is a great introduction to area. During an area unit, give students an area and have them draw a shape with the specified area.

Number Lines:

These can be used for a number of skills! Students can model addition, subtraction, multiplication or division problems on them. They are also perfect to use when solving for elapsed time. During a fraction unit, they can be used to practice plotting fractions on a number line or plot several fractions and compare them.

CLOCK





Diary of a Not So Wimpy Teacher

Number Lines

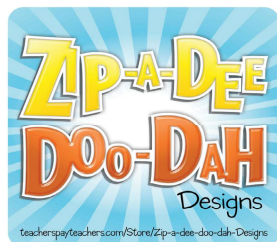


Thank YOU!

Please remember that this product is licensed for single-classroom use.



Credits



<http://www.teacherspayteachers.com/Store/Zip-a-dee-doo-dah-Designs>

