

Valentine's Day



Math Mystery Pictures

4th Grade

430	77,000	300	52,000	19,000	430	85,000	77,000	27,000	300
19,000	19,000	39,000	110	5,000	19,000	37,000	1,000	13,000	200
67,000	39,000	500	13,000	890	1,000	500	890	48,000	19,000
200	130	48,000	1,000	99,000	130	500	890	1,000	39,000
67,000	890	48,000	1,000	99,000	130	500	890	1,000	39,000
200	1,000	500	890	13,000	48,000	99,000	37,000	1,000	39,000
5,000	220	37,000	130	1,000	500	890	13,000	110	77,000
52,000	200	5,000	890	13,000	48,000	99,000	5,000	52,000	77,000
52,000	19,000	67,000	110	1,000	500	220	19,000	300	430
300	77,000	430	39,000	200	67,000	77,000	19,000	430	77,000
430	85,000	27,000	300	200	67,000	77,000	300	19,000	430
77,000	300	430	19,000	52,000	27,000	85,000	980	77,000	300

MATH MOJO

25 x 83 = 2075
39 x 91 = 3549
52 x 27 = 1404
53 x 97 = 5141
31 x 41 = 1271
91 x 19 = 1729

25 x 95 = 2375
95 x 89 = 8455

Mystery Picture - Division

7)123 2)197 8)583 3)262 7)194 4)195

8)255 5)477 7)277 2)109 2)143 5)427

Mystery Picture - Prime and Composite Numbers

Prime numbers between 1 - 15
Composite numbers between 16 - 20

Prime numbers between 1 - 17
Composite numbers between 17 - 23

3,549	1,404	1,558	5,183	1,558	5,183	2,075	3,549	1,404	2,075
2,075	5,183	5,183 3,021	4,784	5,183 3,021	1,558	3,549	1,404	2,075	3,549
5,183	1,558	8,455	2,425	3,021	5,183	2,075 1,271	3,549	1,404	2,075
1,558 3,021	8,455	2,425	8,455	4,784	1,558 5,141	1,729	5,141 2,075	2,075	3,549
4,784	2,425	8,455	2,425	3,021 1,729	1,271	5,141 5,183	1,558	5,183	1,558
3,021 1,558	4,784	3,021	4,784 1,271	5,141	1,729 3,021	4,784	3,021	1,558 4,784	5,183
5,183	5,183	1,558 5,141	1,729	1,271 4,784	2,425	8,455	2,425	3,021	1,558
2,075	1,404 1,729	1,271	5,141 5,183	3,021	8,455	2,425	8,455	4,784 1,558	5,183
1,404	5,141	1,729 2,075	1,558	4,784	2,425	8,455	1,558	5,183	1,404
2,075	3,549	1,404	5,183	4,784 1,558	3,021	4,784 1,558	5,183	2,075	3,549

Mystery Picture - Multiplication

Date _____

Name _____

Blue

25×83	39×91	52×27
----------------	----------------	----------------

Dark Purple

53×97	31×41	91×19
----------------	----------------	----------------

Light Purple

71×73	41×38
----------------	----------------

Pink

53×57	52×92
----------------	----------------

Red

25×97	95×89
----------------	----------------

17 R4	98 R1	72 R7	48 R3	27 R5	72 R7	17 R4	87 R1	72 R7	87 R1
87 R1	72 R7	48 R3	27 R5	48 R3	39 R4	72 R7	98 R1	17 R4	72 R7
72 R7	98 R1	27 R5	48 R3	27 R5	54 R1	39 R4	72 R7	87 R1	98 R1
87 R1	17 R4	72 R7	39 R4	54 R1	39 R4	54 R1	39 R4	17 R4	72 R7
72 R7	98 R1	39 R4	54 R1	39 R4	54 R1	39 R4	54 R1	39 R4	87 R1
87 R1	39 R4	54 R1	39 R4	54 R1	39 R4	54 R1	39 R4	54 R1	17 R4
17 R4	71 R1	85 R2	71 R1	85 R2	71 R1	85 R2	71 R1	85 R2	98 R1
98 R1	95 R2	31 R7	95 R2	31 R7	95 R2	31 R7	95 R2	31 R7	72 R7
72 R7	87 R1	95 R2	31 R7	95 R2	31 R7	95 R2	31 R7	87 R1	17 R4
17 R4	98 R1	31 R7	95 R2	31 R7	95 R2	31 R7	95 R2	72 R7	98 R1

Mystery Picture - Division

Date _____

Name _____

Purple

$$7 \overline{)123} \quad 2 \overline{)197} \quad 8 \overline{)583} \quad 3 \overline{)262}$$

Red

$$7 \overline{)194} \quad 4 \overline{)195}$$

Pink

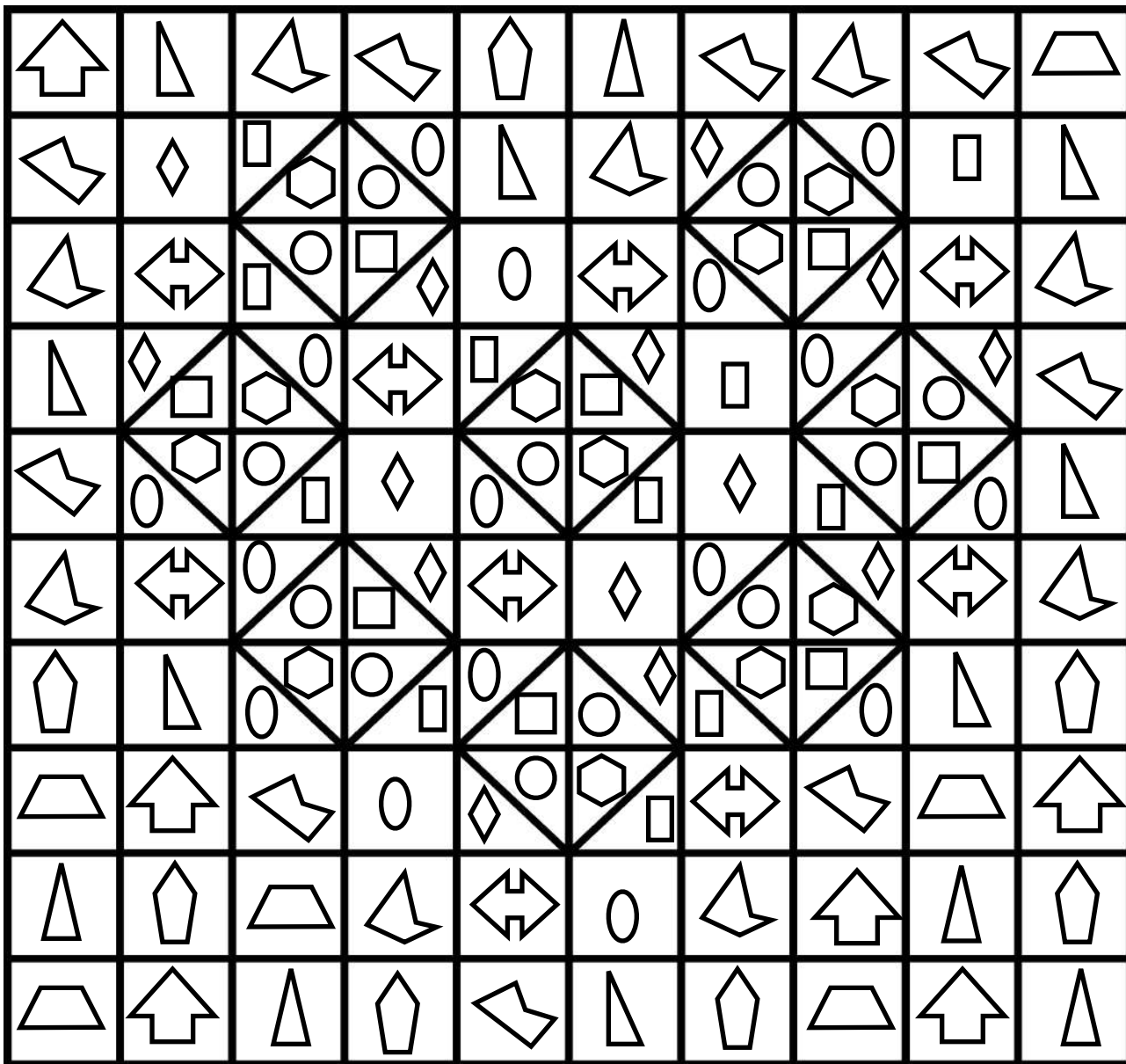
$$8 \overline{)255} \quad 5 \overline{)477}$$

White

$$7 \overline{)277} \quad 2 \overline{)109}$$

Brown

$$2 \overline{)143} \quad 5 \overline{)427}$$



Mystery Picture - Symmetry

Date _____

Name _____

Blue
 Shapes with 1
 line of
 symmetry.

Red
 Shapes with
 no lines of
 symmetry.

Pink
 Shapes with 2
 lines of
 symmetry.

Brown
 Shapes with 3
 or more lines
 of symmetry.

19	5	7	11 8	4	9 7	2 14	16	4 7	17	
17	2	11	10	6	12	10	15	9	19	
19	7	5	7 16	9	8	14	6	12 5	17	
17	3	2	13	3 10	15	4	15 13	7	19	
19	13	5	7	2	7 14	6	5	2	3	17
17	2 22	20	18 13	5 21	18	20 13	7	13	19	
19	18	21	22	20	22	21	5	2	17	
17	7 22	18	21	22	21	20 3	11	7	19	
19	11	2 21	20	18	22 11	7	2	5	17	
17	2	7	13 22	21 2	5	11	3	13	19	

Mystery Picture - Prime and Composite Numbers

Date _____

Name _____

White

Prime numbers between 1 - 15

List them and then color them on the drawing above

Blue

Prime numbers between 16 - 20

List them and then color them on the drawing above

Pink

Composite numbers between 1 - 17

List them and then color them on the drawing above

Red

Composite numbers between 17 - 23

List them and then color them on the drawing above

0.75	0.8	0.42	0.99	0.75	0.8	0.42	0.99	0.75	0.8
0.4	0.7	0.2	0.48	0.7	0.39	0.2	0.48	0.7	0.4
0.67	0.48	0.7	0.18	0.2	0.48	0.7	0.08	0.2	0.67
0.7	0.4	0.18 0.12	0.21	0.7 0.03	0.39 0.12	0.03	0.48 0.21	0.4	0.48
0.08	0.48	0.03	0.5	0.12	0.21	0.12	0.5	0.7	0.2
0.2	0.18	0.21 0.39	0.12	0.21	0.03	0.21	0.03 0.7	0.39	0.48
0.48	0.08	0.2	0.12 0.08	0.03	0.5	0.12 0.48	0.08	0.2	0.7
0.7	0.39	0.48	0.7	0.5 0.2	0.03 0.7	0.39	0.7	0.48	0.2
0.48	0.7	0.2	0.08	0.18	0.39	0.48	0.2	0.08	0.18
0.8	0.75	0.99	0.42	0.8	0.75	0.99	0.42	0.8	0.75

Mystery Picture - Fractions

Fractions and Decimals

Date _____

Name _____

White Change the fractions to decimals.

$$\frac{7}{10} = \underline{\hspace{2cm}} \quad \frac{48}{100} = \underline{\hspace{2cm}} \quad \frac{8}{100} = \underline{\hspace{2cm}}$$

$$\frac{20}{100} = \underline{\hspace{2cm}} \quad \frac{18}{100} = \underline{\hspace{2cm}} \quad \frac{39}{100} = \underline{\hspace{2cm}}$$

Gray Change the fractions to decimals.

$$\frac{4}{10} = \underline{\hspace{2cm}}$$

$$\frac{67}{100} = \underline{\hspace{2cm}}$$

Yellow Change the fractions to decimals.

$$\frac{8}{10} = \underline{\hspace{2cm}} \quad \frac{75}{100} = \underline{\hspace{2cm}}$$

$$\frac{99}{100} = \underline{\hspace{2cm}} \quad \frac{42}{100} = \underline{\hspace{2cm}}$$

Red Change the fractions to decimals.

$$\frac{3}{100} = \underline{\hspace{2cm}} \quad \frac{5}{10} = \underline{\hspace{2cm}}$$

$$\frac{12}{100} = \underline{\hspace{2cm}} \quad \frac{21}{100} = \underline{\hspace{2cm}}$$

$\frac{7}{8}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{6}{7}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{1}{5}$	$\frac{6}{7}$	$\frac{3}{5}$	$\frac{7}{8}$
$\frac{1}{5}$ / $\frac{1}{3}$	$\frac{9}{10}$	$\frac{1}{3}$ / $\frac{7}{8}$	$\frac{2}{9}$	$\frac{1}{5}$	$\frac{6}{7}$	$\frac{7}{8}$	$\frac{3}{5}$ / $\frac{9}{10}$	$\frac{1}{3}$	$\frac{9}{10}$ / $\frac{3}{4}$
$\frac{9}{10}$	$\frac{1}{3}$	$\frac{9}{10}$	$\frac{1}{3}$ / $\frac{1}{5}$	$\frac{7}{8}$	$\frac{3}{5}$	$\frac{1}{5}$ / $\frac{9}{10}$	$\frac{1}{3}$	$\frac{9}{10}$	$\frac{1}{3}$
$\frac{1}{3}$	$\frac{9}{10}$	$\frac{1}{3}$ / $\frac{1}{4}$	$\frac{3}{7}$	$\frac{3}{8}$ / $\frac{3}{4}$	$\frac{2}{9}$ / $\frac{8}{9}$	$\frac{1}{4}$	$\frac{3}{7}$ / $\frac{9}{10}$	$\frac{1}{3}$	$\frac{9}{10}$
$\frac{9}{10}$	$\frac{1}{3}$	$\frac{3}{7}$	$\frac{1}{4}$	$\frac{8}{9}$	$\frac{3}{8}$	$\frac{3}{7}$	$\frac{8}{9}$	$\frac{9}{10}$	$\frac{1}{3}$
$\frac{7}{8}$	$\frac{9}{10}$	$\frac{8}{9}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{7}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{7}{8}$
$\frac{1}{5}$	$\frac{6}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\frac{8}{9}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{7}$	$\frac{6}{7}$	$\frac{3}{5}$
$\frac{3}{5}$	$\frac{7}{8}$	$\frac{1}{5}$	$\frac{8}{9}$	$\frac{3}{8}$	$\frac{8}{9}$	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{2}{9}$	$\frac{1}{5}$
$\frac{6}{7}$	$\frac{2}{9}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{4}$	$\frac{3}{7}$	$\frac{1}{5}$	$\frac{3}{5}$	$\frac{3}{4}$	$\frac{7}{8}$
$\frac{7}{8}$	$\frac{1}{5}$	$\frac{6}{7}$	$\frac{2}{9}$	$\frac{3}{4}$	$\frac{3}{5}$	$\frac{7}{8}$	$\frac{1}{5}$	$\frac{6}{7}$	$\frac{2}{9}$

Mystery Picture - Fractions

Comparing Fractions

Date _____

Name _____

Red Compare the fractions and circle the greater fraction. Color the boxes with the fraction you circled red.

$\frac{1}{4}$ or $\frac{1}{8}$

$\frac{1}{4}$ or $\frac{3}{7}$

$\frac{7}{10}$ or $\frac{8}{9}$

$\frac{3}{8}$ or $\frac{1}{6}$

White Compare the fractions and circle the greater fraction. Color the boxes with the fraction you circled white.

$\frac{3}{10}$ or $\frac{1}{3}$

$\frac{9}{10}$ or $\frac{3}{4}$

Purple Compare the fractions and circle the greater fraction. Color the boxes with the fraction you circled purple.

$\frac{7}{8}$ or $\frac{5}{7}$

$\frac{6}{7}$ or $\frac{2}{3}$

$\frac{7}{10}$ or $\frac{3}{4}$

$\frac{1}{10}$ or $\frac{1}{5}$

$\frac{2}{9}$ or $\frac{1}{8}$

$\frac{1}{2}$ or $\frac{3}{5}$

430	77,000	300	52,000	19,000	430	85,000	77,000	27,000	300
19,000 67,000	4,000	39,000	110	300 5,000	77,000 4,000	5,000	220	67,000	430 5,000
200	39,000 130	500	13,000	39,000 890	110 1,000	37,000	1,000	110 13,000	200
67,000	890	48,000	1,000	99,000	130	500	890	48,000	4,000
200	1,000	500	890	13,000	48,000	99,000	37,000	1,000	39,000
5,000 52,000	220	37,000	130	1,000	500	890	13,000	110	67,000 77,000
52,000	200 19,000	5,000	890	13,000	48,000	99,000	5,000	200	300
300	77,000	67,000 430	110	1,000	500	220	5,000	52,000	77,000
430	85,000	27,000	39,000 300	200	67,000	4,000 77,000	300	19,000	430
77,000	300	430	19,000	52,000	27,000	85,000	980	77,000	300

Mystery Picture - Converting Measurements

Date _____

Name _____

Red

77 L = _____ mL 3 m = _____ cm

43 cm = _____ mm 27 L = _____ mL

19 km = _____ m 85 kg = _____ g

52 kg = _____ g 98 cm = _____ mm

Pink

1 L = _____ mL 5 m = _____ cm

89 cm = _____ mm 13 L = _____ mL

48 km = _____ m 99 kg = _____ g

37 kg = _____ g 13 cm = _____ mm

White

2 m = _____ cm

29 L = _____ mL

67 kg = _____ g

22 cm = _____ mm

5 L = _____ mL

11 cm = _____ mm

39 km = _____ m

4 kg = _____ g

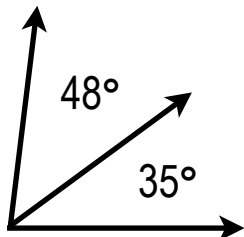
148°	135°	148° 117°	83°	117°	83°	117°	135° 83°	148°	135°	
135°	148°	83°	117° 148°	135°	148°	83° 135°	117°	135°	148°	
148°	135°	117°	135°	148°	135°	148°	83°	148°	135°	
135°	98°	77°	72°	135°	148°	98°	72°	77°	148°	
77°	84°	72°	98°	77°	98°	72°	77°	72°	84°	
84°	72°	98°	77°	72° 117°	83° 83°	77° 117°	84°	72°	98°	72°
72°	77°	72°	84°	98° 72°	83° 77°	117° 72°	98°	77°	72°	84°
135°	84°	98°	77°	72° 117°	83° 83°	77° 72°	84°	72°	77°	148°
148°	135°	77°	84°	83°	117°	72°	98°	148°	135°	
135°	148°	135°	72°	84°	98°	77°	148°	135°	148°	

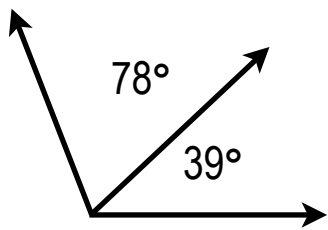
Mystery Picture - Additive Angles

Date _____

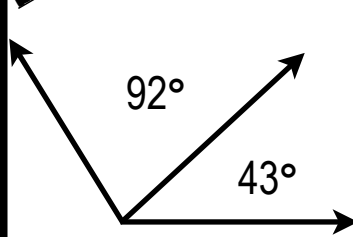
Name _____

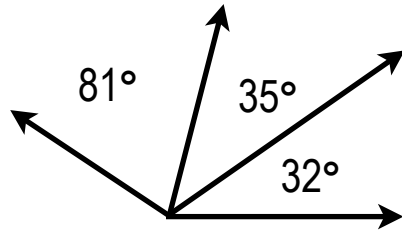
Black Find the total measure of the angles below.



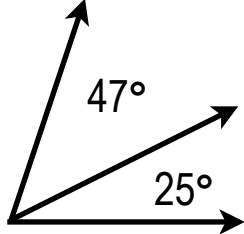


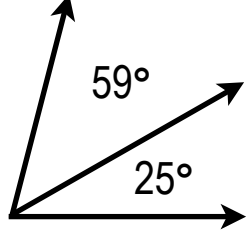
Blue Find the total measure of the angles below.

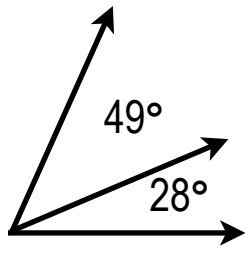


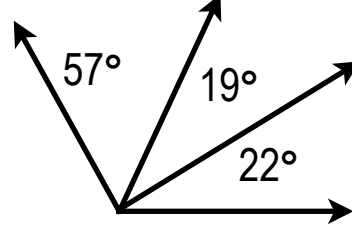


Gray Find the total measure of the angles below.









Answer Key

Page 3: Double Digit Multiplication

3,549	1,404	1,558	5,183	1,558	5,183	2,075	3,549	1,404	2,075
2,075	5,183	5,183 3,021	4,784	5,183 3,021	1,558	3,549	1,404	2,075	3,549
5,183	1,558	8,455	2,425	3,021	5,183	2,075 1,271	3,549	1,404	2,075
1,558 3,021	8,455	2,425	8,455	4,784	1,558 5,141	1,729	5,141 2,075	2,075	3,549
4,784	2,425	8,455	2,425	3,021	5,141 5,183	1,271	1,558	5,183	1,558
3,021	4,784	3,021	4,784	5,141	1,729 3,021	4,784	3,021	1,558	5,183
1,558	4,784	3,021	1,271	5,141	3,021	4,784	3,021	4,784	5,183
5,183	5,183	1,558 5,141	1,729	1,271	2,425	8,455	2,425	3,021	1,558
2,075	1,404	1,271	5,183	3,021	8,455	2,425	8,455	4,784	5,183
1,404	5,141	1,729 2,075	1,558	4,784	2,425	8,455	1,558	5,183	1,404
2,075	3,549	1,404	5,183	4,784 1,558	3,021	4,784 1,558	5,183	2,075	3,549

Date _____

Name _____

Blue	Dark Purple	Red	White
$\begin{array}{r} 25 \\ \times 83 \\ \hline 2,075 \end{array}$	$\begin{array}{r} 39 \\ \times 91 \\ \hline 3,549 \end{array}$	$\begin{array}{r} 52 \\ \times 27 \\ \hline 1,404 \end{array}$	$\begin{array}{r} 53 \\ \times 97 \\ \hline 5,141 \end{array}$
$\begin{array}{r} 31 \\ \times 41 \\ \hline 1,271 \end{array}$	$\begin{array}{r} 91 \\ \times 19 \\ \hline 1,729 \end{array}$		
$\begin{array}{r} 71 \\ \times 73 \\ \hline 5,183 \end{array}$	$\begin{array}{r} 41 \\ \times 38 \\ \hline 1,558 \end{array}$	$\begin{array}{r} 53 \\ \times 57 \\ \hline 3,021 \end{array}$	$\begin{array}{r} 52 \\ \times 92 \\ \hline 4,784 \end{array}$
$\begin{array}{r} 25 \\ \times 97 \\ \hline 2,425 \end{array}$	$\begin{array}{r} 95 \\ \times 89 \\ \hline 8,455 \end{array}$		

Page 4: Division

17 R4	98 R1	72 R7	48 R3	27 R5	72 R7	17 R4	87 R1	72 R7	87 R1
87 R1	72 R7	48 R3	27 R5	48 R3	39 R4	72 R7	98 R1	17 R4	72 R7
72 R7	98 R1	27 R5	48 R3	27 R5	54 R1	39 R4	72 R7	87 R1	98 R1
87 R1	17 R4	72 R7	39 R4	54 R1	39 R4	54 R1	39 R4	17 R4	72 R7
72 R7	98 R1	39 R4	54 R1	39 R4	54 R1	39 R4	54 R1	39 R4	87 R1
87 R1	39 R4	54 R1	39 R4	54 R1	39 R4	54 R1	39 R4	54 R1	17 R4
17 R4	71 R1	85 R2	71 R1	85 R2	71 R1	85 R2	71 R1	85 R2	98 R1
98 R1	95 R2	31 R7	95 R2	31 R7	95 R2	31 R7	95 R2	31 R7	72 R7
72 R7	87 R1	95 R2	31 R7	95 R2	31 R7	95 R2	31 R7	87 R1	17 R4
17 R4	98 R1	31 R7	95 R2	31 R7	95 R2	31 R7	95 R2	72 R7	98 R1

Date _____

Name _____

Purple	Red	White	Brown
$\begin{array}{r} 17 \text{ R4} \\ 7 \overline{)123} \end{array}$	$\begin{array}{r} 98 \text{ R1} \\ 2 \overline{)197} \end{array}$	$\begin{array}{r} 72 \text{ R7} \\ 8 \overline{)583} \end{array}$	$\begin{array}{r} 87 \text{ R1} \\ 3 \overline{)262} \end{array}$
$\begin{array}{r} 27 \text{ R5} \\ 7 \overline{)194} \end{array}$	$\begin{array}{r} 48 \text{ R3} \\ 4 \overline{)195} \end{array}$		
$\begin{array}{r} 31 \text{ R7} \\ 8 \overline{)255} \end{array}$	$\begin{array}{r} 95 \text{ R2} \\ 5 \overline{)477} \end{array}$	$\begin{array}{r} 39 \text{ R4} \\ 7 \overline{)277} \end{array}$	$\begin{array}{r} 54 \text{ R1} \\ 2 \overline{)109} \end{array}$
$\begin{array}{r} 71 \text{ R1} \\ 2 \overline{)143} \end{array}$	$\begin{array}{r} 85 \text{ R2} \\ 5 \overline{)427} \end{array}$		

Page 5: Symmetry

↑	△	◇	◇	◇	◇	◇	◇	◇	◇
◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
◇	◇	◇	◇	◇	◇	◇	◇	◇	◇

Date _____

Name _____

Blue	Red
Shapes with 1 line of symmetry. 	Shapes with no lines of symmetry.
Shapes with 2 lines of symmetry. 	Shapes with 3 or more lines of symmetry.

Page 6: Prime and Composite Numbers

19	5	7	11	8	4	9	2	14	16	4	17
17	2	11	10	6	12	10	15	9	19		
19	7	5	16	9	8	14	6	12	5	17	
17	3	2	13	3	15	4	15	13	7	19	
19	13	5	7	2	7	14	6	5	2	3	17
17	2	20	13	5	18	13	7	13	19		
19	18	21	22	20	22	21	5	2	17		
17	7	22	18	21	22	21	20	11	7	19	
19	11	2	21	20	18	22	11	7	2	5	17
17	2	7	13	22	21	2	5	11	3	13	19

Date _____

Name _____

White	Blue
Prime numbers between 1 - 15 List them and then color them on the drawing above _____ 2, 3, 5, 7, 11, 13	Prime numbers between 16 - 20 List them and then color them on the drawing above _____ 17, 19
Composite numbers between 1 - 17 List them and then color them on the drawing above _____ 4, 6, 8, 9, 10, 12, 14, 15, 16	Composite numbers between 17 - 23 List them and then color them on the drawing above _____ 18, 20, 21, 22

Answer Key

Page 7: Fractions and Decimals

0.75	0.8	0.42	0.99	0.75	0.8	0.42	0.99	0.75	0.8
0.4	0.7	0.2	0.48	0.7	0.39	0.2	0.48	0.7	0.4
0.67	0.48	0.7	0.18	0.2	0.48	0.7	0.08	0.2	0.67
0.7	0.4	0.18 0.12	0.21	0.7 0.03	0.39 0.12	0.03	0.48 0.21	0.4	0.48
0.08	0.48	0.03	0.5	0.12	0.21	0.12	0.5	0.7	0.2
0.2	0.18	0.21 0.39	0.12	0.21	0.03	0.21	0.03	0.39	0.48
0.48	0.08	0.2	0.12 0.08	0.03	0.5	0.12	0.48	0.08	0.2
0.7	0.39	0.48	0.7	0.2	0.5 0.7	0.39	0.7	0.48	0.2
0.48	0.7	0.2	0.08	0.18	0.39	0.48	0.2	0.08	0.18
0.8	0.75	0.99	0.42	0.8	0.75	0.99	0.42	0.8	0.75

Mystery Picture - Fractions
Fractions and Decimals

Date _____
Name _____

White Change the fractions to decimals. $\frac{7}{10} = 0.7$ $\frac{48}{100} = 0.48$ $\frac{8}{100} = 0.08$ $\frac{4}{10} = 0.4$	Grey Change the fractions to decimals. $\frac{20}{100} = 0.2$ $\frac{18}{100} = 0.18$ $\frac{39}{100} = 0.39$ $\frac{67}{100} = 0.67$
Yellow Change the fractions to decimals. $\frac{8}{10} = 0.8$ $\frac{75}{100} = 0.75$ $\frac{3}{100} = 0.03$ $\frac{5}{10} = 0.5$	Red Change the fractions to decimals. $\frac{99}{100} = 0.99$ $\frac{42}{100} = 0.42$ $\frac{12}{100} = 0.12$ $\frac{21}{100} = 0.21$

Page 8: Comparing Fractions

$\frac{7}{8}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{6}{7}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{1}{5}$	$\frac{6}{7}$	$\frac{3}{5}$	$\frac{7}{8}$
$\frac{1}{3}$	$\frac{9}{10}$	$\frac{1}{3}$	$\frac{7}{8}$	$\frac{2}{9}$	$\frac{1}{5}$	$\frac{6}{7}$	$\frac{7}{8}$	$\frac{9}{10}$	$\frac{1}{3}$
$\frac{9}{10}$	$\frac{1}{3}$	$\frac{9}{10}$	$\frac{1}{3}$	$\frac{1}{5}$	$\frac{7}{8}$	$\frac{3}{5}$	$\frac{1}{5}$	$\frac{9}{10}$	$\frac{1}{3}$
$\frac{1}{3}$	$\frac{9}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{3}{5}$	$\frac{1}{5}$	$\frac{9}{10}$	$\frac{1}{3}$
$\frac{9}{10}$	$\frac{1}{3}$	$\frac{3}{7}$	$\frac{1}{4}$	$\frac{8}{9}$	$\frac{3}{8}$	$\frac{3}{7}$	$\frac{8}{9}$	$\frac{9}{10}$	$\frac{1}{3}$
$\frac{7}{8}$	$\frac{9}{10}$	$\frac{8}{9}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{7}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{7}{8}$
$\frac{1}{5}$	$\frac{6}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\frac{8}{9}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{7}$	$\frac{6}{7}$	$\frac{3}{5}$
$\frac{3}{5}$	$\frac{7}{8}$	$\frac{1}{5}$	$\frac{8}{9}$	$\frac{3}{8}$	$\frac{8}{9}$	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{2}{9}$	$\frac{1}{5}$
$\frac{6}{7}$	$\frac{2}{9}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{4}$	$\frac{3}{7}$	$\frac{1}{5}$	$\frac{3}{5}$	$\frac{3}{4}$	$\frac{7}{8}$
$\frac{7}{8}$	$\frac{1}{5}$	$\frac{6}{7}$	$\frac{2}{9}$	$\frac{3}{4}$	$\frac{3}{5}$	$\frac{7}{8}$	$\frac{1}{5}$	$\frac{6}{7}$	$\frac{2}{9}$

Mystery Picture - Fractions
Comparing Fractions

Date _____
Name _____

Red Compare the fractions and circle the greater fraction. Color the boxes with the fraction you circled red. $\frac{1}{4}$ or $\frac{3}{10}$ $\frac{1}{4}$ or $\frac{3}{7}$	White Compare the fractions and circle the greater fraction. Color the boxes with the fraction you circled white. $\frac{3}{10}$ or $\frac{1}{3}$
$\frac{7}{10}$ or $\frac{8}{9}$ $\frac{3}{8}$ or $\frac{1}{6}$	$\frac{9}{10}$ or $\frac{3}{4}$
Purple Compare the fractions and circle the greater fraction. Color the boxes with the fraction you circled purple. $\frac{7}{8}$ or $\frac{5}{7}$ $\frac{6}{7}$ or $\frac{2}{3}$	$\frac{7}{10}$ or $\frac{3}{4}$
$\frac{1}{10}$ or $\frac{1}{5}$ $\frac{2}{9}$ or $\frac{1}{8}$	$\frac{1}{2}$ or $\frac{3}{5}$

Page 9: Converting Measurements

430	77,000	300	52,000	19,000	430	85,000	77,000	27,000	300
19,000	4,000	39,000	110	5,000	77,000	5,000	220	67,000	5,000
200	39,000	500	13,000	39,000	110	37,000	1,000	13,000	200
67,000	890	48,000	1,000	99,000	130	500	890	48,000	4,000
200	1,000	500	890	13,000	48,000	99,000	37,000	1,000	39,000
5,000	220	37,000	130	1,000	500	890	13,000	110	67,000
52,000	200	5,000	890	13,000	48,000	99,000	5,000	200	300
52,000	19,000	67,000	110	1,000	500	220	19,000	52,000	77,000
300	77,000	430	1,000	500	220	19,000	52,000	77,000	300
430	85,000	27,000	39,000	200	67,000	4,000	300	19,000	430
77,000	300	430	19,000	52,000	27,000	85,000	980	77,000	300

Mystery Picture - Converting Measurements

Date _____
Name _____

Red 77 L = <u>77,000</u> mL 3 m = <u>300</u> cm	White 2 m = <u>200</u> cm
43 cm = <u>430</u> mm 27 L = <u>27,000</u> mL	29 L = <u>29,000</u> mL
19 km = <u>19,000</u> m 85 kg = <u>85,000</u> g	67 kg = <u>67,000</u> g
52 kg = <u>52,000</u> g 98 cm = <u>980</u> mm	22 cm = <u>220</u> mm
Pink 1 L = <u>1,000</u> mL 5 m = <u>500</u> cm	5 L = <u>5,000</u> mL
89 cm = <u>890</u> mm 13 L = <u>13,000</u> mL	11 cm = <u>110</u> mm
48 km = <u>48,000</u> m 99 kg = <u>99,000</u> g	39 km = <u>39,000</u> m
37 kg = <u>37,000</u> g 13 cm = <u>130</u> mm	4 kg = <u>4,000</u> g

Page 10: Additive Angles

148°	135°	148°	83°	117°	83°	117°	135°	148°	135°
135°	148°	83°	117°	135°	148°	83°	117°	135°	148°
148°	135°	117°	135°	148°	135°	148°	83°	148°	135°
135°	98°	77°	72°	135°	148°	98°	72°	77°	148°
77°	84°	72°	98°	77°	98°	72°	77°	72°	84°
84°	72°	98°	77°	72°	83°	84°	72°	98°	72°
72°	77°	72°	84°	98°	72°	98°	77°	72°	84°
135°	84°	98°	77°	72°	83°	84°	72°	77°	148°
148°	135°	77°	84°	83°	117°	72°	98°	148°	135°
135°	148°	135°	72°	84°	98°	77°	148°	135°	148°

Mystery Picture - Additive Angles

Date _____
Name _____

Blue Find the total measure of the angles below. <u>83°</u>	Blue Find the total measure of the angles below. <u>117°</u>
 <u>135°</u>	 <u>148°</u>
Grey Find the total measure of the angles below. <u>72°</u>	 <u>84°</u>
 <u>77°</u>	 <u>98°</u>