

St. Patrick's Day



Math Mystery Pictures 4th Grade

0.38	0.03	0.2	0.55	0.4	0.2	0.03	0.19	0.55	0.4
0.4	0.75	0.27	0.5	0.7	0.09	0.94	0.89	0.7	0.03
0.55	0.2	0.7	0.89	0.94	0.14	0.75	0.27	0.75	0.55
0.03	0.4	0.75	0.09	0.75	0.27	0.89	0.7	0.4	0.2
0.19	0.55	0.27	0.14	0.7	0.94	0.75	0.14	0.19	0.03
0.4	0.2	0.89	0.75	0.5	0.09	0.7	0.27	0.2	0.38
0.55	0.38	0.7	0.27	0.19	0.03	0.89	0.75	0.55	0.4
0.14	0.89	0.8	0.42	0.4	0.8	0.42	0.2	0.8	0.94
0.5	0.7	0.89	0.09	0.7	0.89	0.5	0.75	0.27	0.4
0.2	0.7	0.89	0.09	0.7	0.89	0.5	0.75	0.27	0.4
0.4	0.55	0.03	0.2	0.38	0.19	0.4	0.55	0.03	0.2

MATH MOJO

Find the total measure of the angles below.

Find the first measure of the angles below.

88° 46°

19°

77°

18°

Mystery Picture - Multiplication

2,548	2,548	2,548	1,377	4,559	4,272	3,995	3,403	3,403	5,328
1,015	2,548	2,548	1,377	2,107	4,272	3,995	3,403	3,591	5,328
1,015	5,328	2,548	1,377	1,296	4,272	3,995	3,403	1,015	3,591
3,591	1,015	2,548	1,377	4,559	4,272	3,995	3,403	5,328	1,015
5,328	3,591	2,548	1,377	2,107	4,272	3,995	3,403	1,015	5,328
1,015	5,328	2,548	1,377	1,296	4,272	3,995	3,403	1,015	5,328
3,591	1,015	2,107	1,296	4,559	2,107	1,296	4,559	2,107	1,296
5,328	2,107	1,296	4,559	2,107	1,296	8,004	8,004	8,004	8,004
8,004	8,004	8,004	8,004	8,004	8,004	8,004	8,004	8,004	3,591
1,015	8,004	8,004	8,004	8,004	8,004	8,004	8,004	8,004	3,591

29 x 35 72 x 74 57 x 63 43 x 49 54 x 24 97 x 47

87 x 92 28 x 91 48 x 89 85 x 47 51 x 27 83 x 41

Mystery Picture - Fractions

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

$\frac{9}{2} = \frac{58}{7} = \frac{23}{6} =$

$\frac{5}{4} = \frac{29}{5} = \frac{25}{3} =$

$\frac{39}{5} = \frac{19}{5} = \frac{25}{3} =$

$\frac{5}{2} = \frac{17}{2} = \frac{17}{8} = \frac{11}{4} =$

2,548 1,015	2,548	2,548	1,377	4,559	4,272	3,995	3,403	3,403	3,403 5,328
3,591 1,015	2,548	2,548	1,377	2,107	4,272	3,995	3,403	3,403 5,328	1,015
1,015	5,328	2,548	1,377	1,296	4,272	3,995	3,403	3,591	5,328
3,591	1,015	2,548	1,377	4,559	4,272	3,995	3,403	1,015	3,591
5,328	3,591	2,548	1,377	2,107	4,272	3,995	3,403	5,328	1,015
1,015	5,328	2,548	1,377	1,296	4,272	3,995	3,403	1,015	5,328
3,591	1,015	2,107	1,296	4,559	2,107	1,296	4,559	3,591	1,015
5,328	2,107	1,296	4,559	2,107	1,296	4,559	2,107	1,296	5,328
8,004	8,004	8,004	8,004	8,004	8,004	8,004	8,004	8,004	8,004
1,015	8,004	8,004	8,004	8,004	8,004	8,004	8,004	8,004	3,591

Mystery Picture - Multiplication

Date _____

Name _____

Light Blue	Yellow
$\begin{array}{r} 29 \\ \times 35 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ \times 49 \\ \hline \end{array}$
$\begin{array}{r} 72 \\ \times 74 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ \times 24 \\ \hline \end{array}$
$\begin{array}{r} 57 \\ \times 63 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ \times 47 \\ \hline \end{array}$

Black	Red	Green	Blue	Orange	Purple
$\begin{array}{r} 87 \\ \times 92 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ \times 91 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ \times 89 \\ \hline \end{array}$	$\begin{array}{r} 85 \\ \times 47 \\ \hline \end{array}$	$\begin{array}{r} 51 \\ \times 27 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ \times 41 \\ \hline \end{array}$

77 R2 15 R4	31 R4	77 R2 15 R4	18 R5	94 R4	77 R2	18 R5	94 R4	73 R3	81 R1
31 R4	15 R4	31 R4	94 R4	77 R2	18 R5	94 R4	73 R3	81 R1	44 R3
15 R4 94 R4	31 R4	15 R4 94 R4	77 R2	18 R5	94 R4	77 R2	18 R5	44 R3	73 R3
18 R5	94 R4	77 R2	35 R2	35 R2	35 R2	35 R2	35 R2	94 R4	77 R2
94 R4	77 R2	35 R2	31 R4	15 R4	31 R4	15 R4	31 R4	35 R2	18 R5
77 R2	35 R2	15 R4	57 R1	57 R1	57 R1	57 R1	57 R1	15 R4	35 R2
35 R2	31 R4	57 R1	47 R2	47 R2	47 R2	47 R2	47 R2	57 R1	31 R4
35 R2	81 R1	44 R3	73 R3	82 R1	82 R1	82 R1	82 R1	47 R2	57 R1
73 R3	44 R3	73 R3	44 R3	81 R1	94 R4	18 R5	77 R2	82 R1	47 R2
77 R2	73 R3	44 R3	81 R1	94 R4	18 R5	77 R2	94 R4	77 R2	82 R1

Mystery Picture - Division

Date _____

Name _____

Light Blue

White

$$3 \overline{)233}$$

$$5 \overline{)474}$$

$$7 \overline{)131}$$

$$3 \overline{)244}$$

$$4 \overline{)179}$$

$$8 \overline{)587}$$

Yellow

Red

Green

Blue

Purple

$$7 \overline{)221}$$

$$8 \overline{)124}$$

$$3 \overline{)107}$$

$$2 \overline{)115}$$

$$3 \overline{)143}$$

$$5 \overline{)411}$$

37°	107°	128°	37°	107°	128°	37°	107°	128°	37°
128°	107°	37° 153°	95°	153°	95°	153°	128° 95°	37°	107°
107°	37° 153°	95° 82°	52°	95° 118°	153° 82°	52°	153° 118°	107° 95°	128°
37°	95°	52°	118°	82°	52°	118°	82°	153°	37°
128°	153°	118° 95°	82°	52°	118°	82°	52° 153°	95°	107°
107°	95°	153° 82°	52°	118°	82°	52°	95° 118°	153°	128°
37°	153°	52°	118°	82°	52°	118°	82°	95°	37°
128°	95° 107°	118° 153°	82°	52° 153°	118° 95°	82°	52° 95°	153° 37°	107°
107°	37°	95° 128°	153°	95°	153°	95°	153° 37°	128°	128°
37°	128°	107°	37°	128°	107°	37°	128°	107°	37°

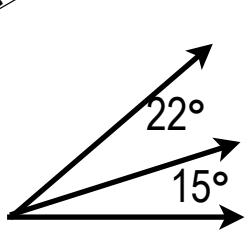
Mystery Picture - Additive Angles

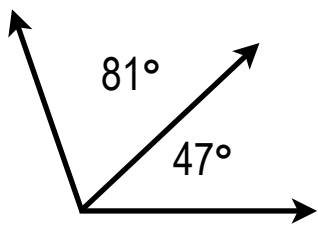
Date _____

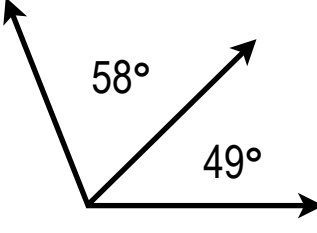
Name _____

Orange

Find the total measure of the angles below.

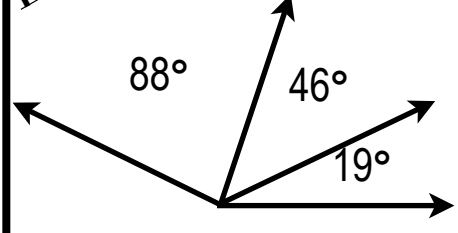






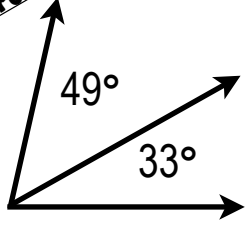
Yellow

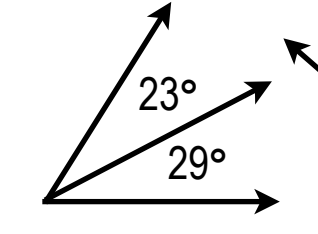
Find the total measure of the angles below.

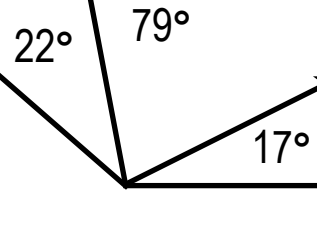


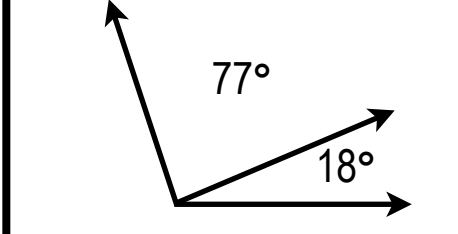
Light Green

Find the total measure of the angles below.









800 cm	72,000 mL	51,000 g	800 cm 390 mm	23,000 mL	870 mm	520 mm 220 mm	300 cm	99,000 g	520 mm
19,000 m	79,000 mL	2,000 mL	750 mm	99,000 g	72,000 mL	450 mm	700 cm	11,000 g	800 cm
44,000 m	700 cm	82,000 g	220 mm	47,000 g	2,000 mL	1,000 mL	750 mm	59,000 mL	220 mm
1,000 mL 800 cm	47,000 g	1,000 mL	300 cm	450 mm	59,000 mL	51,000 g	390 mm	47,000 g	300 cm 870 mm
72,000 mL	520 mm	750 mm	59,000 mL	79,000 mL	11,000 g	700 cm	82,000 g	870 mm	19,000 m
870 mm	800 cm	2,000 mL	450 mm	44,000 m	220 mm	47,000 g	750 mm	23,000 mL	72,000 mL
72,000 mL 220 mm	750 mm	51,000 g	11,000 g	59,000 mL	450 mm	300 cm	79,000 mL	38,000 m	23,000 mL 390 mm
390 mm	47,000 g	700 cm	1,000 mL	750 mm	47,000 g	44,000 m	700 cm	59,000 mL	11,000 g
41,000 g	300 cm	2,000 mL	450 mm	520 mm	72,000 mL	38,000 m	82,000 g	220 mm	800 cm
72,000 mL	800 cm	79,000 mL	11,000 g 520 mm	870 mm	23,000 mL	1,000 mL 800 cm	51,000 g	19,000 m	99,000 g

Mystery Picture - Converting Measurements

Date _____

Name _____

Light Blue

72 L = _____ mL 8 m = _____ cm

87 cm = _____ mm 23 L = _____ mL

19 km = _____ m 99 kg = _____ g

41 kg = _____ g 52 cm = _____ mm

Light Green

2 L = _____ mL 7 m = _____ cm

45 cm = _____ mm 59 L = _____ mL

38 km = _____ m 47 kg = _____ g

82 kg = _____ g 75 cm = _____ mm

Dark Green

3 m = _____ cm

79 L = _____ mL

51 kg = _____ g

22 cm = _____ mm

1 L = _____ mL

39 cm = _____ mm

44 km = _____ m

11 kg = _____ g

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

Mystery Picture - Fractions

Mixed Numbers

Date _____

Name _____

Green

Change the improper fractions to a mixed number.

$$\frac{38}{5} = \underline{\hspace{2cm}}$$

$$\frac{9}{2} = \underline{\hspace{2cm}}$$

$$\frac{58}{7} = \underline{\hspace{2cm}}$$

Purple

Change the improper fraction to a mixed number.

$$\frac{23}{6} = \underline{\hspace{2cm}}$$

$$\frac{7}{4} = \underline{\hspace{2cm}}$$

$$\frac{5}{4} = \underline{\hspace{2cm}}$$

$$\frac{28}{5} = \underline{\hspace{2cm}}$$

$$\frac{25}{3} = \underline{\hspace{2cm}}$$

Yellow

Change the improper fraction to a mixed number.

$$\frac{7}{2} = \underline{\hspace{2cm}}$$

$$\frac{13}{3} = \underline{\hspace{2cm}}$$

Red

Change the improper fraction to a mixed number.

$$\frac{39}{5} = \underline{\hspace{2cm}}$$

$$\frac{5}{2} = \underline{\hspace{2cm}}$$

Orange

Change the improper fraction to a mixed number.

$$\frac{19}{5} = \underline{\hspace{2cm}}$$

$$\frac{17}{3} = \underline{\hspace{2cm}}$$

Blue

Change the improper fraction to a mixed number.

$$\frac{17}{8} = \underline{\hspace{2cm}}$$

$$\frac{11}{4} = \underline{\hspace{2cm}}$$

0.38	0.03	0.2	0.55	0.4	0.2	0.03	0.19	0.55	0.4
0.4	0.75	0.27	0.5	0.7	0.09	0.94	0.89	0.7	0.03
0.55	0.89 0.2	0.7	0.89	0.94	0.14	0.75	0.27	0.75 0.55	0.55
0.03	0.4	0.75	0.09	0.75	0.27	0.89	0.7	0.4	0.2
0.19	0.55	0.27	0.14	0.7	0.94	0.75	0.14	0.19	0.03
0.4	0.2	0.89	0.75	0.5	0.09	0.7	0.27	0.2	0.38
0.55	0.38	0.7	0.27	0.94 0.19	0.75 0.03	0.89	0.75	0.55	0.4
0.14	0.4 0.89	0.8	0.42	0.4 0.8	0.42 0.2	0.8	0.42	0.19 0.7	0.94
0.5 0.2	0.7	0.89	0.09	0.38 0.7	0.19 0.89	0.5	0.75	0.27	0.75 0.4
0.4	0.55	0.03	0.2	0.38	0.19	0.4	0.55	0.03	0.2

Mystery Picture - Fractions

Fractions and Decimals

Date _____

Name _____

Yellow	Light Green
$\frac{4}{10} = \underline{\hspace{2cm}}$	$\frac{8}{10} = \underline{\hspace{2cm}}$
$\frac{55}{100} = \underline{\hspace{2cm}}$	$\frac{42}{100} = \underline{\hspace{2cm}}$
$\frac{3}{100} = \underline{\hspace{2cm}}$	$\frac{19}{100} = \underline{\hspace{2cm}}$
$\frac{20}{100} = \underline{\hspace{2cm}}$	$\frac{75}{100} = \underline{\hspace{2cm}}$
$\frac{38}{100} = \underline{\hspace{2cm}}$	$\frac{27}{100} = \underline{\hspace{2cm}}$
$\frac{19}{100} = \underline{\hspace{2cm}}$	$\frac{94}{100} = \underline{\hspace{2cm}}$

Dark Green			
$\frac{7}{10} = \underline{\hspace{2cm}}$	$\frac{89}{100} = \underline{\hspace{2cm}}$	$\frac{9}{100} = \underline{\hspace{2cm}}$	$\frac{5}{10} = \underline{\hspace{2cm}}$
$\frac{75}{100} = \underline{\hspace{2cm}}$	$\frac{14}{100} = \underline{\hspace{2cm}}$	$\frac{27}{100} = \underline{\hspace{2cm}}$	$\frac{94}{100} = \underline{\hspace{2cm}}$

0.7	0.19	0.87	0.4	0.7	0.32	0.81	0.1	0.55	0.22
0.28	0.4	0.7	0.5	0.32	0.81	0.1	0.55	0.22	0.98
0.7	0.5	0.19	0.32	0.81	0.1	0.55	0.22	0.98	0.7
0.4	0.87	0.32	0.81	0.1	0.55	0.22	0.98	0.19	0.87
0.19	0.32	0.81	0.1	0.55	0.22	0.98	0.87	0.4	0.7
0.32	0.81	0.1	0.55	0.22	0.98	0.4	0.7	0.28	0.19
0.3	0.79	0.47	0.3	0.79	0.47	0.19	0.5	0.87	0.7
0.4 0.79	0.47	0.3	0.79	0.47	0.5 0.3	0.87	0.28	0.19	0.4
0.47	0.3	0.79	0.47	0.3	0.79	0.7	0.5	0.5	0.28
0.3 0.7	0.79	0.47	0.3	0.79	0.47 0.87	0.19	0.4	0.87	0.7

Mystery Picture - Comparing Decimals

Date _____

Name _____

White Compare the decimals and circle the greater decimal. Color the boxes with the decimal you circled.

0.19 or 0.08 0.37 or 0.4

0.5 or 0.27 0.78 or 0.87

0.2 or 0.28 0.7 or 0.35

Black Compare the decimals and circle the greater decimal. Color the boxes with the decimal you circled.

0.5 or 0.79

0.47 or 0.32

0.3 or 0.23

Yellow Compare the decimals and circle the greater decimal. Color the boxes with the decimal you circled.

0.09 or 0.1

Green Compare the decimals and circle the greater decimal. Color the boxes with the decimal you circled.

0.55 or 0.49

Orange Compare the decimals and circle the greater decimal. Color the boxes with the decimal you circled.

0.18 or 0.81

Red Compare the decimals and circle the greater decimal. Color the boxes with the decimal you circled.

0.32 or 0.18

Blue Compare the decimals and circle the greater decimal. Color the boxes with the decimal you circled.

0.2 or 0.22

Purple Compare the decimals and circle the greater decimal. Color the boxes with the decimal you circled.

0.98 or 0.89

27 cm ²	40 cm ² / 24 cm ²	72 cm ²	56 cm ²	72 cm ²	56 cm ²	24 cm ²	72 cm ²	56 cm ² / 21 cm ²	40 cm ²
21 cm ² / 24 cm ²	72 cm ²	56 cm ²	24 cm ²	27 cm ²	40 cm ²	72 cm ²	56 cm ²	24 cm ²	27 cm ² / 72 cm ²
72 cm ²	56 cm ²	24 cm ²	27 cm ²	40 cm ²	21 cm ²	27 cm ²	24 cm ²	72 cm ²	24 cm ²
56 cm ²	24 cm ²	27 cm ²	40 cm ²	21 cm ²	27 cm ²	21 cm ²	40 cm ²	24 cm ²	56 cm ²
56 cm ²	12 cm ²	20 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	49 cm ²	72 cm ²
72 cm ²	56 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	49 cm ²	72 cm ²	24 cm ²
24 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	56 cm ²
72 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	72 cm ²
24 cm ² / 27 cm ²	56 cm ²	20 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	72 cm ²	24 cm ² / 40 cm ²
21 cm ²	40 cm ² / 24 cm ²	72 cm ²	56 cm ²	24 cm ²	72 cm ²	56 cm ²	72 cm ²	24 cm ² / 21 cm ²	27 cm ²


Mystery Picture - Area

Date _____

Name _____


Yellow Find the area of the figures.

9 cm




3 cm

8 cm



5 cm

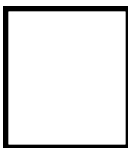
3 cm



7 cm

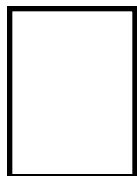
Black Find the area of the figures.

4 cm



5 cm

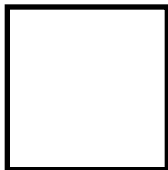
5 cm



7 cm

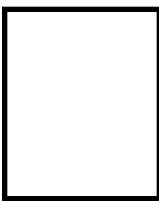
Light Green Find the area of the figures.

8 cm



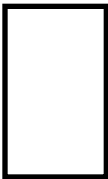
7 cm

9 cm



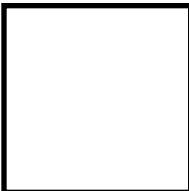
8 cm

3 cm




8 cm

7 cm



7 cm

4 cm



3 cm

Answer Key

Page 3: Double Digit Multiplication

2,548 1,015	2,548	2,548	1,377	4,559	4,272	3,995	3,403	3,403	3,403	5,328
3,591	2,548 1,015	2,548	1,377	2,107	4,272	3,995	3,403	3,403 5,328	1,015	
1,015	5,328	2,548	1,377	1,296	4,272	3,995	3,403	3,591	5,328	
3,591	1,015	2,548	1,377	4,559	4,272	3,995	3,403	1,015	3,591	
5,328	3,591	2,548	1,377	2,107	4,272	3,995	3,403	5,328	1,015	
1,015	5,328	2,548	1,377	1,296	4,272	3,995	3,403	1,015	5,328	
3,591	1,015	2,107	1,296	4,559	2,107	1,296	4,559	3,591	1,015	
5,328	2,107	1,296	4,559	2,107	1,296	4,559	2,107	1,296	5,328	
8,004	8,004	8,004	8,004	8,004	8,004	8,004	8,004	8,004	8,004	
1,015	8,004	8,004	8,004	8,004	8,004	8,004	8,004	8,004	3,591	

Mystery Picture - Multiplication

Name _____ Date _____

Light Blue	29	72	57	Yellow	43	54	97
$\times 35$	$\times 74$	$\times 63$	$\times 49$	$\times 24$	$\times 47$		
1,015	5,328	3,591	2,107	1,296	4,559		

Black	87	Red	28	Green	48	Blue	85	Ocean	51	Purple	83
$\times 92$	$\times 91$	$\times 89$	$\times 47$	$\times 27$	$\times 41$						
8,004	2,548	4,272	3,995	1,377	3,403						

Page 4: Division

77 R2 15 R4	31 R4	77 R2 15 R4	18 R5	94 R4	77 R2	18 R5	94 R4	73 R3	81 R1
31 R4	15 R4	31 R4	94 R4	77 R2	18 R5	94 R4	73 R3	81 R1	44 R3
15 R4	31 R4	15 R4	94 R4	77 R2	18 R5	94 R4	77 R2	18 R5	44 R3
94 R4	31 R4	94 R4	77 R2	18 R5	94 R4	77 R2	18 R5	44 R3	73 R3
18 R5	94 R4	77 R2	35 R2	35 R2	35 R2	35 R2	35 R2	94 R4	77 R2
94 R4	77 R2	35 R2	31 R4	15 R4	31 R4	15 R4	31 R4	35 R2	18 R5
77 R2	35 R2	15 R4	57 R1	57 R1	57 R1	57 R1	57 R1	15 R4	35 R2
35 R2	31 R4	57 R1	47 R2	47 R2	47 R2	47 R2	47 R2	57 R1	31 R4
35 R2	81 R1	44 R3	73 R3	82 R1	82 R1	82 R1	82 R1	47 R2	57 R1
73 R3	44 R3	73 R3	44 R3	81 R1	94 R4	18 R5	77 R2	82 R1	47 R2
77 R2	73 R3	44 R3	81 R1	94 R4	18 R5	77 R2	94 R4	77 R2	82 R1

Mystery Picture - Division

Name _____ Date _____

Light Blue	77 R2	94 R4	18 R5	White	81 R1	44 R3	73 R3
$3 \overline{)233}$	$5 \overline{)474}$	$7 \overline{)131}$	$3 \overline{)244}$	$4 \overline{)179}$	$8 \overline{)587}$		

Yellow	31 R4	15 R4	Red	35 R2	Green	57 R1	Blue	47 R2	Purple	82 R1
$7 \overline{)221}$	$8 \overline{)124}$	$3 \overline{)107}$	$2 \overline{)115}$	$3 \overline{)143}$	$5 \overline{)411}$					

Page 5: Additive Angles

37°	107°	128°	37°	107°	128°	37°	107°	128°	37°
128°	107°	37° 153°	95°	153°	95°	153°	95°	128° 37°	107°
107°	37° 153°	95° 82°	52°	118°	153° 82°	52°	118°	153° 95°	128°
37°	95°	52°	118°	82°	52°	118°	82°	153°	37°
128°	153°	95° 118°	82°	52°	118°	82°	52°	153° 95°	107°
107°	95°	153° 82°	52°	118°	82°	52°	118°	153°	128°
37°	153°	52°	118°	82°	52°	118°	82°	95°	37°
128°	95° 107°	118° 153°	82°	52°	118°	82°	52°	153° 95°	107°
107°	37° 128°	95° 153°	153°	95°	153°	95°	153°	37°	128°
37°	128°	107°	37°	128°	107°	37°	128°	107°	37°

Mystery Picture - Additive Angles

Name _____ Date _____

Ocean	Find the total measure of the angles below.	Yellow	Find the total measure of the angles below.
37°	128°	107°	153°

Light Green	Find the total measure of the angles below.
82°	52°
118°	95°

Page 6: Converting Measurements

800 cm	72,000 mL	51,000 g	800 mm	23,000 mL	870 mm	520 mm	300 cm	99,000 g	520 mm
19,000 m	79,000 mL	2,000 mL	750 mm	99,000 g	72,000 mL	450 mm	700 cm	11,000 g	800 cm
44,000 m	700 cm	82,000 g	220 mm	47,000 g	2,000 mL	1,000 mL	750 mm	59,000 mL	220 mm
800 cm	47,000 g	1,000 mL	300 cm	450 mm	59,000 mL	51,000 g	390 mm	47,000 g	300 cm
72,000 mL	520 mm	750 mm	59,000 mL	79,000 mL	11,000 g	700 cm	82,000 g	870 mm	19,000 m
870 mm	800 cm	2,000 mL	450 mm	44,000 m	220 mm	47,000 g	750 mm	23,000 mL	72,000 mL
72,000 mL	750 mm	51,000 g	11,000 g	59,000 mL	450 mm	300 cm	79,000 mL	38,000 m	23,000 mL
390 mm	47,000 g	700 cm	1,000 mL	750 mm	47,000 g	44,000 m	700 cm	59,000 mL	11,000 g
41,000 g	300 cm	2,000 mL	450 mm	520 mm	72,000 mL	38,000 m	82,000 g	220 mm	800 cm
72,000 mL	800 cm	79,000 mL	11,000 g	870 mm	23,000 mL	800 cm	51,000 g	19,000 m	99,000 g

Mystery Picture - Converting Measurements

Name _____ Date _____

Light Blue	72 L = <u>72,000</u> mL	8 m = <u>800</u> cm	Dark Green	3 m = <u>300</u> cm
87 cm = <u>870</u> mm	23 L = <u>23,000</u> mL	79 L = <u>79,000</u> mL	51 kg = <u>51,000</u> g	
19 km = <u>19,000</u> m	99 kg = <u>99,000</u> g	51 kg = <u>51,000</u> g	22 cm = <u>220</u> mm	
41 kg = <u>41,000</u> g	52 cm = <u>520</u> mm	22 cm = <u>220</u> mm		

Light Green	2 L = <u>2,000</u> mL	7 m = <u>700</u> cm	1 L = <u>1,000</u> mL
45 cm = <u>450</u> mm	59 L = <u>59,000</u> mL	39 cm = <u>390</u> mm	
38 km = <u>38,000</u> m	47 kg = <u>47,000</u> g	44 km = <u>44,000</u> m	
82 kg = <u>82,000</u> g	75 cm = <u>750</u> mm	11 kg = <u>11,000</u> g	

Answer Key

Page 7: Mixed Numbers

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

Mystery Picture - Fractions
Mixed Numbers

Date _____
Name _____

Green Change the improper fraction to a mixed number. $\frac{38}{5} = 7\frac{3}{5}$ $\frac{9}{2} = 4\frac{1}{2}$ $\frac{58}{7} = 8\frac{2}{7}$	Purple Change the improper fraction to a mixed number. $\frac{23}{6} = 3\frac{5}{6}$
$\frac{7}{4} = 1\frac{3}{4}$ $\frac{5}{4} = 1\frac{1}{4}$ $\frac{28}{5} = 5\frac{3}{5}$	$\frac{25}{3} = 8\frac{1}{3}$

Yellow Change the improper fraction to a mixed number. $\frac{7}{2} = 3\frac{1}{2}$	Red Change the improper fraction to a mixed number. $\frac{39}{5} = 7\frac{4}{5}$	Orange Change the improper fraction to a mixed number. $\frac{19}{5} = 3\frac{4}{5}$	Blue Change the improper fraction to a mixed number. $\frac{17}{8} = 2\frac{1}{8}$
$\frac{13}{3} = 4\frac{1}{3}$	$\frac{5}{2} = 2\frac{1}{2}$	$\frac{17}{3} = 5\frac{2}{3}$	$\frac{11}{4} = 2\frac{3}{4}$

Page 8: Fractions and Decimals

0.38	0.03	0.2	0.55	0.4	0.2	0.03	0.19	0.55	0.4
0.4	0.75	0.27	0.5	0.7	0.09	0.94	0.89	0.7	0.03
0.55	0.89	0.7	0.89	0.94	0.14	0.75	0.27	0.55	0.55
0.03	0.4	0.75	0.09	0.75	0.27	0.89	0.7	0.4	0.2
0.19	0.55	0.27	0.14	0.7	0.94	0.75	0.14	0.19	0.03
0.4	0.2	0.89	0.75	0.5	0.09	0.7	0.27	0.2	0.38
0.55	0.38	0.7	0.27	0.94	0.75	0.89	0.75	0.55	0.4
0.14	0.89	0.8	0.42	0.4	0.8	0.42	0.2	0.8	0.42
0.2	0.7	0.89	0.09	0.38	0.19	0.7	0.89	0.5	0.75
0.4	0.55	0.03	0.2	0.38	0.19	0.4	0.55	0.03	0.2

Mystery Picture - Fractions
Fractions and Decimals

Date _____
Name _____

Yellow $\frac{4}{10} = 0.4$ $\frac{55}{100} = 0.55$ $\frac{3}{100} = 0.03$	Light Green $\frac{8}{10} = 0.8$
$\frac{20}{100} = 0.2$ $\frac{38}{100} = 0.38$ $\frac{19}{100} = 0.19$	$\frac{42}{100} = 0.42$
Dark Green $\frac{7}{10} = 0.7$ $\frac{89}{100} = 0.89$ $\frac{9}{100} = 0.09$	$\frac{5}{10} = 0.5$
$\frac{75}{100} = 0.75$ $\frac{14}{100} = 0.14$ $\frac{27}{100} = 0.27$	$\frac{94}{100} = 0.94$

Page 9: Comparing Decimals

0.7	0.19	0.87	0.4	0.7	0.32	0.81	0.1	0.55	0.22
0.28	0.4	0.7	0.5	0.32	0.81	0.1	0.55	0.22	0.98
0.7	0.5	0.19	0.32	0.81	0.1	0.55	0.22	0.98	0.7
0.4	0.87	0.32	0.81	0.1	0.55	0.22	0.98	0.19	0.87
0.19	0.32	0.81	0.1	0.55	0.22	0.98	0.87	0.4	0.7
0.32	0.81	0.1	0.55	0.22	0.98	0.4	0.7	0.28	0.19
0.3	0.79	0.47	0.3	0.79	0.47	0.19	0.5	0.87	0.7
0.4	0.79	0.47	0.3	0.79	0.47	0.3	0.87	0.28	0.19
0.47	0.3	0.79	0.47	0.3	0.79	0.7	0.5	0.5	0.28
0.3	0.79	0.47	0.3	0.79	0.47	0.19	0.4	0.87	0.7

Mystery Picture - Comparing
Decimals

Date _____
Name _____

White Compare the decimals and circle the greater decimal. Color the boxes with the decimal you circled. 0.19 or 0.08 0.37 or 0.4	Black Compare the decimals and circle the greater fraction. Color the boxes with the decimal you circled. 0.5 or 0.79
0.5 or 0.27 0.78 or 0.87	0.47 or 0.32
0.2 or 0.28 0.7 or 0.35	0.3 or 0.23
Yellow Compare the decimals and circle the greater fraction. Color the boxes with the decimal you circled. 0.09 or 0.1 0.55 or 0.49	Orange Compare the decimals and circle the greater fraction. Color the boxes with the decimal you circled. 0.18 or 0.81
Red Compare the decimals and circle the greater fraction. Color the boxes with the decimal you circled. 0.32 or 0.18 0.2 or 0.22	Purple Compare the decimals and circle the greater fraction. Color the boxes with the decimal you circled. 0.98 or 0.89

Page 10: Area

27 cm ²	40 cm ²	72 cm ²	56 cm ²	72 cm ²	56 cm ²	24 cm ²	72 cm ²	21 cm ²	40 cm ²
21 cm ²	72 cm ²	56 cm ²	24 cm ²	27 cm ²	40 cm ²	72 cm ²	56 cm ²	24 cm ²	27 cm ²
72 cm ²	56 cm ²	24 cm ²	27 cm ²	40 cm ²	21 cm ²	27 cm ²	24 cm ²	72 cm ²	24 cm ²
56 cm ²	24 cm ²	27 cm ²	40 cm ²	21 cm ²	27 cm ²	21 cm ²	40 cm ²	24 cm ²	56 cm ²
56 cm ²	12 cm ²	20 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	49 cm ²	72 cm ²
72 cm ²	56 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	49 cm ²	72 cm ²	24 cm ²
24 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	56 cm ²
72 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	72 cm ²
24 cm ²	56 cm ²	20 cm ²	35 cm ²	49 cm ²	12 cm ²	20 cm ²	35 cm ²	72 cm ²	24 cm ²
21 cm ²	40 cm ²	72 cm ²	56 cm ²	24 cm ²	72 cm ²	56 cm ²	72 cm ²	24 cm ²	27 cm ²

Mystery Picture - Area

Date _____
Name _____

Yellow Find the area of the figures. 27 cm^2 40 cm^2 21 cm^2	Black Find the area of the figures. 20 cm^2 35 cm^2
Light Green Find the area of the figures. 56 cm^2 72 cm^2 24 cm^2	 49 cm^2 12 cm^2