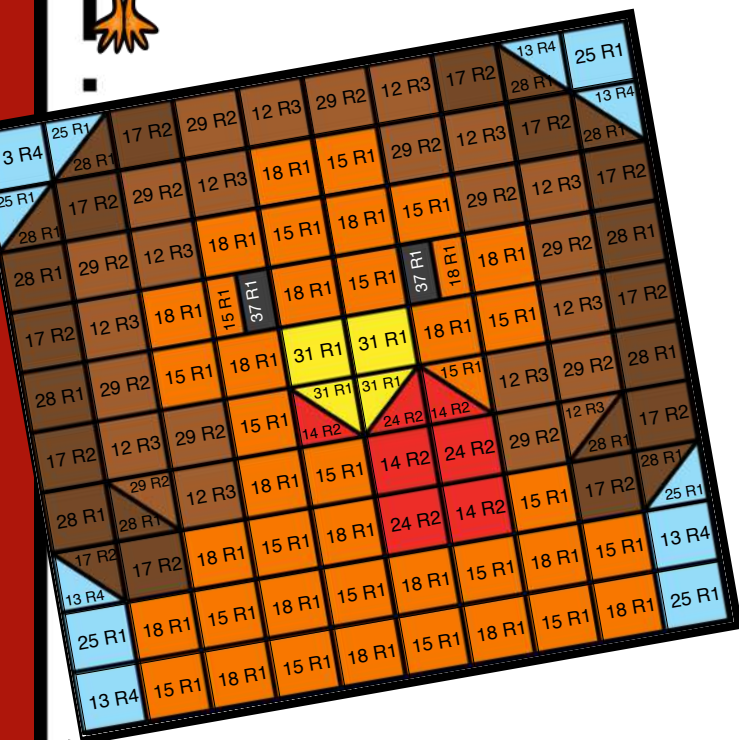


Thanksgiving

Math Mystery Pictures

4th Grade



Mystery Picture - Comparison

Orange Compare the fractions and circle the greater fraction. Color the boxes with the fraction you circled orange.

Yellow Compare the fractions and circle the greater fraction. Color the boxes with the fraction you circled yellow.

Math Mojo

1/9 or 1/5
5/8 or 1/2
1/4 or 1/3
5/6 or 3/4

1/3 or 1/5
4/7 or 3/2
3/1 or 3/3

1/3 or 1/5
4/7 or 3/2
3/1 or 3/3

1/9 or 1/5
5/8 or 1/2
1/4 or 1/3
5/6 or 3/4

Mystery Picture - Division

3 rights divided by 1 right

Light Blue Divide the numbers and circle the greater quotient. Color the boxes with the quotient you circled light blue.

Dark Blue Divide the numbers and circle the greater quotient. Color the boxes with the quotient you circled dark blue.

3)287 4)290 8)170 4)193 5)444 8)595

9)425 7)372 4)337 3)113 2)187 9)497

Mystery Picture - Prime & Composite Numbers

Prime Prime numbers between 1 - 15. List them and then color them on the drawing above.

Composite Composite numbers between 17 - 23. List them and then color them on the drawing above.

Prime Prime numbers between 16 - 20. List them and then color them on the drawing above.

Composite Composite numbers between 17 - 23. List them and then color them on the drawing above.

1,023	3,395	1,023	3,395	1,023	3,395	1,023	$\begin{array}{r} 3,395 \\ \hline 52,512 \end{array}$	22,047	22,047
3,395	1,023	3,395	8,226	17,060	8,226	17,060	52,512	52,512	22,047
1,023	3,395	8,226	17,060	8,226	17,060	8,226	52,512	52,512	$\begin{array}{r} 52,512 \\ \hline 3,395 \end{array}$
3,395	4,245	2,192	3,176	1,505	3,176	2,192	4,245	2,192	1,023
1,023	1,505	3,176	2,192	4,245	1,505	4,245	1,505	3,176	3,395
3,395	8,226	1,701	4,395	1,701	4,395	1,701	4,395	17,060	1,023
1,023	17,060	4,395	$\begin{array}{r} 52,512 \\ 20,111 \end{array}$	4,395	1,701	$\begin{array}{r} 20,111 \\ 52,512 \end{array}$	1,701	8,226	3,395
3,395	8,226	1,701	4,395	$\begin{array}{r} 4,395 \\ 1,701 \end{array}$	$\begin{array}{r} 4,395 \\ 1,701 \end{array}$	1,701	4,395	17,060	1,023
1,023	17,060	4,395	1,701	$\begin{array}{r} 4,395 \\ 1,505 \end{array}$	$\begin{array}{r} 1,701 \\ 2,192 \end{array}$	4,395	1,701	8,226	3,395
3,395	8,226	17,060	4,395	1,701	4,395	1,701	8,226	17,060	1,023

Mystery Picture - Multiplication

Multi-Digit x 1 Digit

Name _____ Date _____

<p>Light Blue</p> $\begin{array}{r} 485 \\ \times 7 \\ \hline \end{array}$ $\begin{array}{r} 341 \\ \times 3 \\ \hline \end{array}$	<p>Brown</p> $\begin{array}{r} 914 \\ \times 9 \\ \hline \end{array}$ $\begin{array}{r} 4,265 \\ \times 4 \\ \hline \end{array}$	<p>Tan</p> $\begin{array}{r} 879 \\ \times 5 \\ \hline \end{array}$ $\begin{array}{r} 189 \\ \times 9 \\ \hline \end{array}$
--	---	---

<p>Yellow</p> $\begin{array}{r} 7,349 \\ \times 3 \\ \hline \end{array}$	<p>White</p> $\begin{array}{r} 8,752 \\ \times 6 \\ \hline \end{array}$	<p>Black</p> $\begin{array}{r} 2,873 \\ \times 7 \\ \hline \end{array}$	<p>Dark Blue</p> $\begin{array}{r} 849 \\ \times 5 \\ \hline \end{array}$ $\begin{array}{r} 794 \\ \times 4 \\ \hline \end{array}$	<p>Red</p> $\begin{array}{r} 215 \\ \times 7 \\ \hline \end{array}$ $\begin{array}{r} 548 \\ \times 4 \\ \hline \end{array}$
---	--	--	---	---

2,905	1,701	2,542	7,917	2,542	7,917	2,542	7,917	1,701	2,905		
1,701	2,905	7,917	2,542	7,917	2,542	7,917	2,542	2,905	1,701		
2,905	1,701	3,145	8,272	1,971	3,145	8,272	1,971	3,145	8,272	1,701	2,905
7,917	2,542	7,917	2,542	1,971	1,971	7,917	2,542	7,917	2,542		
1,701	4,187	1,335	4,732	1,335	4,732	1,335	4,732	5,510	1,701		
2,905	5,510	4,732	8,272	7,917	4,732	1,335	2,542	3,145	1,335	4,187	2,905
1,701	4,187	1,335	4,732	4,732	1,335	4,732	1,335	1,335	4,732	5,510	1,701
2,905	1,701	4,732	1,335	4,732	1,335	4,732	1,335	1,701	2,905		
1,701	2,905	1,335	7,812	4,732	7,812	7,812	4,732	1,335	2,905	1,701	
2,905	1,701	2,905	4,732	1,335	4,732	1,335	2,905	1,701	2,905		

Mystery Picture - Multiplication

Double Digit Multiplication

Date _____

Name _____

Tan

$\begin{array}{r} 52 \\ \times 91 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ \times 89 \\ \hline \end{array}$
--	--

Orange

$\begin{array}{r} 83 \\ \times 35 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ \times 63 \\ \hline \end{array}$
--	--

Black

$\begin{array}{r} 87 \\ \times 91 \\ \hline \end{array}$	$\begin{array}{r} 82 \\ \times 31 \\ \hline \end{array}$
--	--

White

$\begin{array}{r} 85 \\ \times 37 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ \times 94 \\ \hline \end{array}$
--	--

Red

$\begin{array}{r} 93 \\ \times 84 \\ \hline \end{array}$
--

Yellow

$\begin{array}{r} 27 \\ \times 73 \\ \hline \end{array}$
--

Brown

$\begin{array}{r} 95 \\ \times 58 \\ \hline \end{array}$	$\begin{array}{r} 79 \\ \times 53 \\ \hline \end{array}$
--	--

5 R2	3 R3	2 R1	7 R2	8 R3	2 R1	7 R2	8 R3	5 R2	3 R3
3 R3	8 R3	7 R2	8 R3	2 R1	7 R2	2 R1	2 R4	7 R2	5 R2
8 R3	7 R2	8 R3	2 R1	7 R2	8 R3	7 R2 2 R4	6 R2	2 R4	8 R3
7 R2	2 R1	7 R4	9 R4	4 R3	7 R4	6 R2	2 R4 8 R3	7 R2	2 R1
2 R1	7 R4	4 R3	3 R4	8 R1	4 R3	4 R3	7 R2	2 R1	8 R3
8 R3	9 R4	3 R4	8 R1	7 R4	9 R4	7 R4	8 R3	7 R2	2 R1
7 R2	4 R3	8 R1	7 R4	9 R4	4 R3	9 R4	2 R1	8 R3	7 R2
2 R1	7 R4	9 R4	4 R3	7 R4	9 R4	7 R4	7 R2	2 R1	8 R3
5 R2	7 R2	4 R3	7 R4	9 R4	4 R3	2 R1	8 R3	7 R2	3 R3
3 R3	5 R2	8 R3	7 R2	2 R1	8 R3	7 R2	2 R1	3 R3	5 R2

Mystery Picture - Division

2 Digits Divided By 1 Digit
1 Digit Quotients

Date _____

Name _____

Orange	Light Brown
$4 \overline{) 35}$ $5 \overline{) 37}$ $8 \overline{) 17}$	$4 \overline{) 19}$ $5 \overline{) 39}$ $7 \overline{) 67}$

Yellow	Dark Brown	White
$8 \overline{) 27}$ $3 \overline{) 17}$	$6 \overline{) 49}$ $7 \overline{) 25}$	$8 \overline{) 50}$ $9 \overline{) 22}$

13 R4	25 R1 28 R1	17 R2	29 R2	12 R3	29 R2	12 R3	17 R2	13 R4 28 R1	25 R1
25 R1 28 R1	17 R2	29 R2	12 R3	18 R1	15 R1	29 R2	12 R3	17 R2	13 R4 28 R1
28 R1	29 R2	12 R3	18 R1	15 R1	18 R1	15 R1	29 R2	12 R3	17 R2
17 R2	12 R3	18 R1	15 R1 37 R1	18 R1	15 R1	37 R1 18 R1	18 R1	29 R2	28 R1
28 R1	29 R2	15 R1	18 R1	31 R1	31 R1	18 R1	15 R1	12 R3	17 R2
17 R2	12 R3	29 R2	15 R1	31 R1 14 R2	31 R1 24 R2	15 R1 14 R2	12 R3	29 R2	28 R1
28 R1	29 R2 28 R1	12 R3	18 R1	15 R1	14 R2	24 R2	29 R2	12 R3 28 R1	17 R2
17 R2 13 R4	17 R2	18 R1	15 R1	18 R1	24 R2	14 R2	15 R1	17 R2	28 R1 25 R1
25 R1	18 R1	15 R1	18 R1	15 R1	18 R1	15 R1	18 R1	15 R1	13 R4
13 R4	15 R1	18 R1	15 R1	18 R1	15 R1	18 R1	15 R1	18 R1	25 R1

Mystery Picture - Division

2 Digits Divided By 1 Digit
2 Digit Quotients

Date _____

Name _____

Orange		Dark Brown		Light Brown	
$2 \overline{) 31}$	$4 \overline{) 73}$	$3 \overline{) 53}$	$2 \overline{) 57}$	$8 \overline{) 99}$	$3 \overline{) 89}$
Blue		Red		Black	Yellow
$7 \overline{) 95}$	$2 \overline{) 51}$	$5 \overline{) 72}$	$4 \overline{) 98}$	$2 \overline{) 75}$	$3 \overline{) 94}$

95 R2	72 R2	74 R3	95 R2	72 R2	21 R2	88 R3	21 R2	95 R2	72 R2
21 R2	$\begin{array}{c} 72 R2 \\ 37 R2 \end{array}$	84 R1	$\begin{array}{c} 21 R2 \\ 37 R2 \end{array}$	95 R2	$\begin{array}{c} 72 R2 \\ 84 R1 \end{array}$	37 R2	$\begin{array}{c} 95 R2 \\ 84 R1 \end{array}$	72 R2	95 R2
72 R2	84 R1	37 R2	84 R1	72 R2	37 R2	84 R1	37 R2	21 R2	72 R2
95 R2	72 R2	88 R3	72 R2	21 R2	95 R2	74 R3	72 R2	95 R2	21 R2
$\begin{array}{c} 72 R2 \\ 84 R1 \end{array}$	37 R2	84 R1	$\begin{array}{c} 21 R2 \\ 37 R2 \end{array}$	95 R2	$\begin{array}{c} 72 R2 \\ 37 R2 \end{array}$	84 R1	37 R2	$\begin{array}{c} 95 R2 \\ 84 R1 \end{array}$	72 R2
37 R2	84 R1	37 R2	84 R1	72 R2	84 R1	37 R2	84 R1	37 R2	95 R2
72 R2	95 R2	74 R3	72 R2	95 R2	21 R2	48 R1	72 R2	21 R2	72 R2
47 R2	53 R1	47 R2	53 R1	47 R2	53 R1	47 R2	53 R1	47 R2	53 R1
93 R1	48 R1	88 R3	74 R3	48 R1	88 R3	74 R3	48 R1	88 R3	55 R2
55 R2	93 R1	48 R1	88 R3	74 R3	48 R1	88 R3	74 R3	55 R2	93 R1

Mystery Picture - Division

5 Digits Divided By 1 Digit

Date _____

Name _____

<p>Light Blue</p> $3 \overline{)287} \quad 4 \overline{)290} \quad 8 \overline{)170}$	<p>Light Brown</p> $4 \overline{)193} \quad 5 \overline{)443} \quad 8 \overline{)595}$
--	---

<p>Dark Brown</p> $9 \overline{)425} \quad 7 \overline{)372}$	<p>White</p> $4 \overline{)337} \quad 3 \overline{)113}$	<p>Dark Blue</p> $2 \overline{)187} \quad 9 \overline{)497}$
--	---	---

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

Mystery Picture - Prime & Composite Numbers

Date _____

Name _____

Black

Prime numbers between 1 - 15

List them and then color them on the drawing above

White

Prime numbers between 16 - 20

List them and then color them on the drawing above

Brown

Composite numbers between 1 - 17

List them and then color them on the drawing above

Yellow

Composite numbers between 17 - 23

List them and then color them on the drawing above

$\frac{3}{4}$	$\frac{10}{12}$	$\frac{2}{14}$	$\frac{8}{14}$	$\frac{3}{4}$	$\frac{8}{14}$	$\frac{2}{14}$	$\frac{10}{12}$	$\frac{3}{4}$	$\frac{10}{12}$
$\frac{2}{14}$	$\frac{8}{14}$	$\frac{3}{4}$	$\frac{10}{12}$	$\frac{2}{14}$	$\frac{2}{7}$	$\frac{3}{4}$	$\frac{8}{14}$	$\frac{2}{14}$	$\frac{8}{14}$
$\frac{3}{4}$	$\frac{10}{12}$	$\frac{8}{14}$	$\frac{2}{14}$	$\frac{8}{14}$ $\frac{3}{9}$	$\frac{3}{5}$	$\frac{10}{14}$	$\frac{10}{12}$	$\frac{2}{7}$	$\frac{3}{4}$
$\frac{2}{14}$	$\frac{8}{14}$ $\frac{1}{5}$	$\frac{3}{9}$	$\frac{8}{10}$	$\frac{4}{8}$	$\frac{2}{3}$	$\frac{1}{5}$ $\frac{8}{14}$	$\frac{3}{4}$ $\frac{3}{12}$	$\frac{10}{14}$	$\frac{3}{5}$
$\frac{8}{14}$ $\frac{3}{12}$	$\frac{8}{10}$	$\frac{2}{3}$	$\frac{3}{12}$	$\frac{4}{10}$ $\frac{8}{10}$	$\frac{3}{9}$	$\frac{4}{10}$	$\frac{4}{8}$	$\frac{1}{5}$ $\frac{3}{4}$	$\frac{10}{12}$
$\frac{4}{8}$	$\frac{3}{9}$ $\frac{1}{5}$	$\frac{4}{8}$ $\frac{2}{3}$	$\frac{4}{8}$	$\frac{2}{3}$	$\frac{1}{5}$	$\frac{8}{10}$	$\frac{3}{12}$	$\frac{2}{3}$ $\frac{8}{14}$	$\frac{3}{4}$
$\frac{8}{10}$	$\frac{4}{12}$	$\frac{3}{9}$	$\frac{4}{10}$	$\frac{8}{10}$	$\frac{4}{8}$	$\frac{2}{3}$	$\frac{3}{9}$ $\frac{4}{12}$	$\frac{4}{8}$	$\frac{8}{10}$
$\frac{3}{4}$ $\frac{2}{3}$	$\frac{3}{9}$ $\frac{1}{5}$	$\frac{8}{10}$	$\frac{4}{8}$	$\frac{2}{3}$	$\frac{3}{9}$	$\frac{4}{10}$	$\frac{3}{12}$	$\frac{1}{5}$	$\frac{2}{3}$ $\frac{3}{4}$
$\frac{3}{5}$	$\frac{2}{7}$	$\frac{10}{14}$	$\frac{2}{12}$	$\frac{3}{5}$	$\frac{2}{7}$	$\frac{10}{14}$	$\frac{2}{12}$	$\frac{3}{5}$	$\frac{2}{7}$
$\frac{3}{4}$	$\frac{10}{12}$	$\frac{2}{14}$	$\frac{8}{14}$	$\frac{3}{4}$	$\frac{2}{14}$	$\frac{10}{12}$	$\frac{8}{14}$	$\frac{3}{4}$	$\frac{2}{14}$

Mystery Picture - Fractions

Equivalent Fractions

Date _____

Name _____

Brown

Fill in the number to make the fractions equivalent.

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

$$\frac{2}{5} = \frac{\quad}{10} \quad \frac{1}{4} = \frac{\quad}{12} \quad \frac{2}{6} = \frac{\quad}{12} \quad \frac{2}{10} = \frac{\quad}{5}$$

Red

Fill in the number to make the fractions equivalent.

$$\frac{6}{8} = \frac{\quad}{4} \quad \frac{5}{6} = \frac{\quad}{12}$$

$$\frac{1}{7} = \frac{\quad}{14} \quad \frac{4}{7} = \frac{\quad}{14}$$

White

Fill in the number to make the fractions equivalent.

$$\frac{6}{10} = \frac{\quad}{5} \quad \frac{1}{6} = \frac{\quad}{12}$$

$$\frac{4}{14} = \frac{\quad}{7} \quad \frac{5}{7} = \frac{\quad}{14}$$

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

Mystery Picture - Fractions

Comparing Fractions

Date _____

Name _____

Orange

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

$$\frac{3}{7} \text{ or } \frac{1}{5}$$

$$\frac{5}{8} \text{ or } \frac{4}{5}$$

$$\frac{4}{7} \text{ or } \frac{2}{3}$$

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

Brown

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

$$\frac{1}{9} \text{ or } \frac{1}{5}$$

$$\frac{5}{8} \text{ or } \frac{1}{2}$$

Yellow

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

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

$$\frac{2}{5} \text{ or } \frac{2}{9}$$

$$\frac{3}{3} \text{ or } \frac{5}{9}$$

$$\frac{7}{8} \text{ or } \frac{1}{3}$$

White

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

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

$$\frac{5}{8} \text{ or } \frac{3}{4}$$

Answer Key

Page 3: Multi-Digit Numbers Times 1 Digit Numbers

1,023	3,395	1,023	3,395	1,023	3,395	1,023	3,395	22,047	22,047
3,395	1,023	3,395	8,226	17,060	8,226	17,060	52,512	52,512	22,047
1,023	3,395	8,226	17,060	8,226	17,060	8,226	52,512	52,512	3,395
3,395	4,245	2,192	3,176	1,505	3,176	2,192	4,245	2,192	1,023
1,023	1,505	3,176	2,192	4,245	1,505	4,245	1,505	3,176	3,395
3,395	8,226	1,701	4,395	1,701	4,395	1,701	4,395	17,060	1,023
1,023	17,060	4,395	52,512	20,111	4,395	1,701	20,111	52,512	1,701
3,395	8,226	1,701	4,395	1,701	4,395	1,701	4,395	17,060	1,023
1,023	17,060	4,395	1,701	4,395	1,701	4,395	1,701	8,226	3,395
3,395	8,226	17,060	4,395	1,701	4,395	1,701	8,226	17,060	1,023

Mystery Picture - Multiplication
Multi-Digit x 1 Digit

Date _____
Name _____

Light Blue	$\begin{array}{r} 485 \\ \times 7 \\ \hline 3,395 \end{array}$	White	$\begin{array}{r} 341 \\ \times 3 \\ \hline 1,023 \end{array}$	Brown	$\begin{array}{r} 914 \\ \times 9 \\ \hline 8,226 \end{array}$	Teal	$\begin{array}{r} 4,265 \\ \times 4 \\ \hline 17,060 \end{array}$	Tan	$\begin{array}{r} 879 \\ \times 5 \\ \hline 4,395 \end{array}$	Light Green	$\begin{array}{r} 189 \\ \times 9 \\ \hline 1,701 \end{array}$		
Yellow	$\begin{array}{r} 7,349 \\ \times 3 \\ \hline 22,047 \end{array}$	White	$\begin{array}{r} 8,752 \\ \times 6 \\ \hline 52,512 \end{array}$	Black	$\begin{array}{r} 2,873 \\ \times 7 \\ \hline 20,111 \end{array}$	Dark Blue	$\begin{array}{r} 849 \\ \times 5 \\ \hline 4,245 \end{array}$	Light Green	$\begin{array}{r} 794 \\ \times 4 \\ \hline 3,176 \end{array}$	Red	$\begin{array}{r} 215 \\ \times 7 \\ \hline 1,505 \end{array}$	Light Green	$\begin{array}{r} 548 \\ \times 4 \\ \hline 2,192 \end{array}$

Page 4: Double Digit Multiplication

2,905	1,701	2,542	7,917	2,542	7,917	2,542	7,917	1,701	2,905
1,701	2,905	7,917	2,542	7,917	2,542	7,917	2,542	2,905	1,701
2,905	1,701	3,145	8,272	1,971	3,145	8,272	1,971	3,145	8,272
7,917	2,542	7,917	2,542	7,917	2,542	7,917	2,542	7,917	2,542
1,701	4,187	1,335	4,732	1,335	4,732	1,335	4,732	5,510	1,701
2,905	5,510	4,732	8,272	7,917	4,732	1,335	2,542	3,145	1,335
1,701	4,187	1,335	4,732	1,335	4,732	1,335	4,732	5,510	1,701
2,905	1,701	4,732	1,335	4,732	1,335	4,732	1,335	1,701	2,905
1,701	2,905	1,335	7,812	7,812	7,812	7,812	4,732	1,335	2,905
2,905	1,701	2,905	4,732	1,335	4,732	1,335	2,905	1,701	2,905

Mystery Picture - Multiplication
Double Digit Multiplication

Date _____
Name _____

Tan	$\begin{array}{r} 52 \\ \times 91 \\ \hline 4,732 \end{array}$	Light Green	$\begin{array}{r} 15 \\ \times 89 \\ \hline 1,335 \end{array}$	Orange	$\begin{array}{r} 83 \\ \times 35 \\ \hline 2,905 \end{array}$	Teal	$\begin{array}{r} 27 \\ \times 63 \\ \hline 1,701 \end{array}$	Black	$\begin{array}{r} 87 \\ \times 91 \\ \hline 7,917 \end{array}$	Light Green	$\begin{array}{r} 82 \\ \times 31 \\ \hline 2,542 \end{array}$
White	$\begin{array}{r} 85 \\ \times 37 \\ \hline 3,145 \end{array}$	Light Green	$\begin{array}{r} 88 \\ \times 94 \\ \hline 8,272 \end{array}$	Red	$\begin{array}{r} 93 \\ \times 84 \\ \hline 7,812 \end{array}$	Yellow	$\begin{array}{r} 27 \\ \times 73 \\ \hline 1,971 \end{array}$	Brown	$\begin{array}{r} 95 \\ \times 58 \\ \hline 5,510 \end{array}$	Light Green	$\begin{array}{r} 79 \\ \times 53 \\ \hline 4,187 \end{array}$

Page 5: 2 Digits Divided By 1 Digit (1 Digit Quotients)

5 R2	3 R3	2 R1	7 R2	8 R3	2 R1	7 R2	8 R3	5 R2	3 R3
3 R3	8 R3	7 R2	8 R3	2 R1	7 R2	2 R1	2 R4	7 R2	5 R2
8 R3	7 R2	8 R3	2 R1	7 R2	8 R3	7 R2	2 R4	6 R2	2 R4
7 R2	2 R1	7 R4	9 R4	4 R3	7 R4	6 R2	2 R4	7 R2	2 R1
2 R1	7 R4	4 R3	3 R4	8 R1	4 R3	4 R3	7 R2	2 R1	8 R3
8 R3	9 R4	3 R4	8 R1	7 R4	9 R4	7 R4	8 R3	7 R2	2 R1
7 R2	4 R3	8 R1	7 R4	9 R4	4 R3	9 R4	2 R1	8 R3	7 R2
2 R1	7 R4	9 R4	4 R3	7 R4	9 R4	7 R4	7 R2	2 R1	8 R3
5 R2	7 R2	4 R3	7 R4	9 R4	4 R3	2 R1	8 R3	7 R2	3 R3
3 R3	5 R2	8 R3	7 R2	2 R1	8 R3	7 R2	2 R1	3 R3	5 R2

Mystery Picture - Division
2 Digits Divided By 1 Digit
1 Digit Quotients

Date _____
Name _____

Orange	$\begin{array}{r} 8 R3 \\ 4 \overline{) 35} \end{array}$	Light Green	$\begin{array}{r} 7 R2 \\ 5 \overline{) 37} \end{array}$	White	$\begin{array}{r} 2 R1 \\ 8 \overline{) 17} \end{array}$	Light Brown	$\begin{array}{r} 4 R3 \\ 4 \overline{) 19} \end{array}$	Teal	$\begin{array}{r} 7 R4 \\ 5 \overline{) 39} \end{array}$	Light Green	$\begin{array}{r} 9 R4 \\ 7 \overline{) 67} \end{array}$
Yellow	$\begin{array}{r} 3 R3 \\ 8 \overline{) 27} \end{array}$	Dark Brown	$\begin{array}{r} 5 R2 \\ 3 \overline{) 17} \end{array}$	White	$\begin{array}{r} 8 R1 \\ 6 \overline{) 49} \end{array}$	White	$\begin{array}{r} 3 R4 \\ 7 \overline{) 25} \end{array}$	White	$\begin{array}{r} 6 R2 \\ 8 \overline{) 50} \end{array}$	Light Green	$\begin{array}{r} 2 R4 \\ 9 \overline{) 22} \end{array}$

Page 6: 2 Digits Divided By 1 Digit (2 Digit Quotients)

13 R4	25 R1	17 R2	29 R2	12 R3	29 R2	12 R3	17 R2	13 R4	25 R1
25 R1	17 R2	29 R2	12 R3	18 R1	15 R1	29 R2	12 R3	17 R2	13 R4
28 R1	29 R2	12 R3	18 R1	15 R1	18 R1	15 R1	29 R2	12 R3	17 R2
17 R2	12 R3	18 R1	15 R1	37 R1	18 R1	15 R1	18 R1	29 R2	28 R1
28 R1	29 R2	15 R1	18 R1	31 R1	31 R1	18 R1	15 R1	12 R3	17 R2
17 R2	12 R3	29 R2	15 R1	14 R2	31 R1	15 R1	12 R3	29 R2	28 R1
28 R1	29 R2	12 R3	18 R1	15 R1	14 R2	24 R2	29 R2	12 R3	17 R2
17 R2	28 R1	12 R3	18 R1	15 R1	14 R2	24 R2	29 R2	12 R3	17 R2
13 R4	17 R2	18 R1	15 R1	18 R1	24 R2	14 R2	15 R1	17 R2	25 R1
25 R1	18 R1	15 R1	18 R1	15 R1	18 R1	15 R1	18 R1	15 R1	13 R4
13 R4	15 R1	18 R1	15 R1	18 R1	15 R1	18 R1	15 R1	18 R1	25 R1

Mystery Picture - Division
2 Digits Divided By 1 Digit
2 Digit Quotients

Date _____
Name _____

Orange	$\begin{array}{r} 15 R1 \\ 2 \overline{) 31} \end{array}$	Dark Brown	$\begin{array}{r} 18 R1 \\ 4 \overline{) 73} \end{array}$	Light Green	$\begin{array}{r} 17 R2 \\ 3 \overline{) 53} \end{array}$	Light Brown	$\begin{array}{r} 28 R1 \\ 2 \overline{) 57} \end{array}$	Light Green	$\begin{array}{r} 12 R3 \\ 8 \overline{) 99} \end{array}$	Teal	$\begin{array}{r} 29 R2 \\ 3 \overline{) 89} \end{array}$
Blue	$\begin{array}{r} 13 R4 \\ 7 \overline{) 95} \end{array}$	Red	$\begin{array}{r} 25 R1 \\ 2 \overline{) 51} \end{array}$	Red	$\begin{array}{r} 14 R2 \\ 5 \overline{) 72} \end{array}$	Black	$\begin{array}{r} 24 R2 \\ 4 \overline{) 98} \end{array}$	Black	$\begin{array}{r} 37 R1 \\ 2 \overline{) 75} \end{array}$	Yellow	$\begin{array}{r} 31 R1 \\ 3 \overline{) 94} \end{array}$

Answer Key

Page 7: 3 Digits Divided By 1 Digit Numbers

95 R2	72 R2	74 R3	95 R2	72 R2	21 R2	88 R3	21 R2	95 R2	72 R2
21 R2	72 R2 37 R2	84 R1	21 R2 37 R2	95 R2	72 R2 84 R1	37 R2	95 R2 84 R1	72 R2	95 R2
72 R2	84 R1	37 R2	84 R1	72 R2	37 R2	84 R1	37 R2	21 R2	72 R2
95 R2	72 R2	88 R3	72 R2	21 R2	95 R2	74 R3	72 R2	95 R2	21 R2
72 R2 84 R1	37 R2	84 R1	21 R2 37 R2	95 R2	72 R2 37 R2	84 R1	37 R2 84 R1	95 R2 84 R1	72 R2
37 R2	84 R1	37 R2	84 R1	72 R2	84 R1	37 R2	84 R1	37 R2	95 R2
72 R2	95 R2	74 R3	72 R2	95 R2	21 R2	48 R1	72 R2	21 R2	72 R2
47 R2	53 R1	47 R2	53 R1	47 R2	53 R1	47 R2	53 R1	47 R2	53 R1
93 R1	48 R1	88 R3	74 R3	48 R1	88 R3	74 R3	48 R1	88 R3	55 R2
55 R2	93 R1	48 R1	88 R3	74 R3	48 R1	88 R3	74 R3	55 R2	93 R1

Mystery Picture - Division
3 Digits Divided By 1 Digit

Date _____
Name _____

Light Blue	Light Brown	Dark Brown	White
95 R2 72 R2 21 R2	48 R1 88 R3 74 R3	3) 287 4) 290 8) 170	4) 193 5) 443 8) 595
9) 425 7) 372	4) 337 3) 113	2) 187 9) 497	

Page 8: Prime and Composite Numbers

0	4	10	14	15	12	8	10	4	14
15	14	15	7	13	11	5	12	6	15
10	12	14	2	5	3	7	16	14	9
14	8	7	5	7	11	3	2	10	8
12	9	11	3	13	2	7	11	6	12
9	14	13	5	7	5	13	3	15	14
10	12	7	3	13	11	2	7	12	6
14	15	17	19	22	17	19	20	17	19
3	7	2	13	21	18	7	2	5	11
14	12	6	10	4	15	16	8	14	9

Mystery Picture - Prime & Composite Numbers

Date _____
Name _____

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

Page 9: Equivalent Fractions

3/4	10/12	2/14	8/14	3/4	8/14	2/14	10/12	3/4	10/12
2/14	8/14	3/4	10/12	2/14	2/7	3/4	8/14	2/14	8/14
3/4	10/12	8/14	2/14	8/14	3/5	10/14	10/12	2/7	3/4
2/14	8/14	1/5	3/9	8/10	4/8	2/5	1/5	8/14	10/12
8/14	8/10	2/3	3/12	4/10	8/10	4/10	4/8	1/5	10/12
4/8	3/9	4/8	2/3	1/5	8/10	3/12	8/14	3/4	3/4
8/10	4/12	3/9	4/10	8/10	4/8	2/3	4/12	4/8	8/10
3/5	2/7	10/14	2/12	3/5	2/7	10/14	2/12	3/5	2/7
3/4	10/12	2/14	8/14	3/4	2/14	10/12	8/14	3/4	2/14

Mystery Picture - Fractions
Equivalent Fractions

Date _____
Name _____

Brown	White
Fill in the number to make the fractions equivalent.	Fill in the number to make the fractions equivalent.
4/5 = 8/10 1/2 = 4/8 6/9 = 2/3 1/3 = 3/9	2/5 = 4/10 1/4 = 3/12 2/6 = 4/12 2/10 = 1/5
Red	White
Fill in the number to make the fractions equivalent.	Fill in the number to make the fractions equivalent.
6/8 = 3/4 5/6 = 10/12 6/10 = 3/5 1/6 = 2/12	1/7 = 2/14 4/7 = 8/14 4/14 = 2/7 5/7 = 10/14

Page 10: Comparing Fractions

1/2	7/8	3/3	2/5	1/2	3/3	2/5	7/8	1/2	3/3
7/8	2/5	1/2	7/8	3/4	7/8	1/2	3/3	2/5	1/2
1/2	3/5	7/8	3/4	1/3	3/4	2/5	7/8	1/2	7/8
7/8	2/5	3/4	1/3	3/4	1/3	1/2	1/5	5/8	1/2
3/3	7/8	4/5	4/7	3/7	2/3	3/7	4/5	1/5	7/8
1/2	4/5	4/7	3/7	2/3	4/5	4/7	3/7	5/8	3/3
2/5	3/7	4/5	2/3	4/7	3/7	4/5	2/3	1/5	2/5
3/3	1/5	5/8	1/5	5/8	1/5	5/8	1/5	5/8	1/2
1/3	3/4	1/3	3/4	1/3	3/4	1/3	3/4	1/3	3/4
1/2	3/3	2/5	7/8	1/2	2/5	3/3	7/8	1/2	3/3

Mystery Picture - Fractions
Comparing Fractions

Date _____
Name _____

Orange	Brown	White
Compare the fractions and circle the greater fraction. Color the boxes with the fraction you circled orange.	Compare the fractions and circle the greater fraction. Color the boxes with the fraction you circled brown.	Compare the fractions and circle the greater fraction. Color the boxes with the fraction you circled white.
3/7 or 1/5 5/8 or 4/5	4/7 or 2/3 4/7 or 1/3	1/9 or 1/5
1/3 or 1/2 2/5 or 2/9	3/3 or 5/9 7/8 or 1/3	5/8 or 3/4