

# Halloween

## Math Mystery Pictures

### 4th Grade

$3 \times 5 = 15$	$7 \times 8 = 56$	$3 \times 5 = 15$	$7 \times 8 = 56$	$5 \times 5 = 25$	$8 \times 4 = 32$	$3 \times 5 = 15$	$7 \times 8 = 56$	$3 \times 5 = 15$	$7 \times 8 = 56$
$7 \times 8 = 56$	$3 \times 5 = 15$	$7 \times 8 = 56$	$5 \times 5 = 25$	$8 \times 4 = 32$	$3 \times 5 = 15$	$7 \times 8 = 56$	$3 \times 5 = 15$	$7 \times 8 = 56$	$3 \times 5 = 15$
$3 \times 5 = 15$	$7 \times 8 = 56$	$7 \times 7 = 49$	$7 \times 7 = 49$	$6 \times 7 = 42$	$6 \times 7 = 42$	$7 \times 7 = 49$	$7 \times 7 = 49$	$3 \times 5 = 15$	$7 \times 8 = 56$
$5 \times 5 = 25$	$8 \times 4 = 32$	$5 \times 5 = 25$	$8 \times 4 = 32$	$5 \times 5 = 25$	$8 \times 4 = 32$	$5 \times 5 = 25$	$8 \times 4 = 32$	$5 \times 5 = 25$	$8 \times 4 = 32$
$7 \times 8 = 56$	$9 \times 3 = 27$	$4 \times 5 = 20$	$3 \times 7 = 21$	$4 \times 4 = 16$	$3 \times 7 = 21$	$4 \times 4 = 16$	$9 \times 3 = 27$	$4 \times 5 = 20$	$3 \times 5 = 15$
$9 \times 3 = 27$	$4 \times 5 = 20$	$3 \times 7 = 21$	$4 \times 4 = 16$	$3 \times 7 = 21$	$4 \times 4 = 16$	$3 \times 7 = 21$	$9 \times 3 = 27$	$4 \times 5 = 20$	$9 \times 3 = 27$
$4 \times 5 = 20$	$9 \times 3 = 27$	$4 \times 4 = 16$	$3 \times 7 = 21$	$4 \times 4 = 16$	$3 \times 7 = 21$	$4 \times 4 = 16$	$9 \times 3 = 27$	$4 \times 5 = 20$	$9 \times 3 = 27$
$9 \times 3 = 27$	$4 \times 5 = 20$	$3 \times 7 = 21$	$4 \times 4 = 16$	$3 \times 7 = 21$	$4 \times 4 = 16$	$3 \times 7 = 21$	$9 \times 3 = 27$	$4 \times 5 = 20$	$7 \times 8 = 56$
$3 \times 5 = 15$	$9 \times 3 = 27$	$4 \times 5 = 20$	$3 \times 7 = 21$	$4 \times 4 = 16$	$3 \times 7 = 21$	$4 \times 4 = 16$	$9 \times 3 = 27$	$7 \times 8 = 56$	$3 \times 5 = 15$
$7 \times 8 = 56$	$3 \times 5 = 15$	$7 \times 8 = 56$	$3 \times 5 = 15$	$7 \times 8 = 56$	$3 \times 5 = 15$	$7 \times 8 = 56$	$3 \times 5 = 15$	$7 \times 8 = 56$	$3 \times 5 = 15$

**Mystery Picture - Multiplication**  
 (whole numbers times multiples of ten)

3	8	9	3	8	6	4	8	3
9	3	8	9	6	4	8	3	9
8	9	7	2	5	2	7	5	2
3	2	5	7	2	5	2	7	5
5	2	1	0	5	2	7	5	2
7	5	0	1	0	5	2	7	5
2	1	7	2	5	7	2	1	5
5	2	0	1	0	5	7	2	1
8	7	5	7	0	1	0	1	7
9	3	2	5	7	5	7	2	8

**MATH MOJO**

5 x \_\_\_\_\_ = 25      3 x \_\_\_\_\_ = 21  
 \_\_\_\_\_ x 7 = 14      \_\_\_\_\_ x 9 = 45  
 8 x \_\_\_\_\_ = 56      \_\_\_\_\_ x 8 = 18  
 5 x \_\_\_\_\_ = 18      \_\_\_\_\_ x 8 = 0  
 \_\_\_\_\_ x \_\_\_\_\_ = 7      \_\_\_\_\_ = 9

**Mystery Picture - Multiplication**  
 (whole numbers times multiples of ten)

810	480	450	250	120	250	810	250	120	810
450	140	120	250	810	480	140	490	490	810
480	120	250	450	140	480	140	490	490	120
250	810	120	480	270	720	720	450	140	250
120	250	140	450	560	320	270	560	140	480
810	450	140	320	270	560	320	270	560	810
120	810	320	270	560	480	140	270	320	120
250	120	560	320	450	480	320	560	250	810
810	210	270	560	480	140	320	270	210	120

90 x 3      70 x 8      40 x 8      30 x 4      90 x 9      50 x 5

80 x 6      20 x 7      50 x 9      70 x 7      90 x 8      30 x 7

**Mystery Picture - Addition and Subtraction**

374	137	721	793	270	721	374	793	137	270
905	793	374	137	874	415	137	270	721	905
332	415	270	415	375	905	874	793	375	874
948	375	905	874	849	415	874	793	375	874
374	874	948	415	905	874	375	874	905	948
793	721	332	375	415	849	375	332	874	793
270	374	137	905	874	415	948	721	374	793
93	721	270	374	375	415	905	793	270	721
374	793	874	905	332	137	721	374	793	905
905	375	415	948	374	793	270	137	721	905

444 + 349      828 - 558      920 - 783      327 + 394      994 - 145

548 - 173      594 - 179      597 + 277      537 + 411      502 - 170

207	285	207	194	332	207	171	194	147	332
332	365	175	171 147	280	280	332 365	175	285	171
171	194	147	365	702	301	285	147	332	194
175	365	285	702	301	702	301	175	365	285
332	194	147	301	702	301	702	285	207	171
147	285	175	232 147	301	702	175 232	365	147	285
171	332	285 194	365	285	175	147	175 207	171	332
207	147	365	175	280 147	280 365	285	175	365	194
194	285	332	171	194	207	332	171	147	207
332	171	194	207	332	171	194	207	332	171

# Mystery Picture - Multiplication

2 Digits Times 1 Digit

Date \_\_\_\_\_

Name \_\_\_\_\_

<b>Green</b>				<b>White</b>		<b>Red</b>
83	19	97	23	58	35	
<u>x 4</u>	<u>x 9</u>	<u>x 2</u>	<u>x 9</u>	<u>x 4</u>	<u>x 8</u>	

<b>Black</b>				<b>Gray</b>	
21	73	25	57	78	43
<u>x 7</u>	<u>x 5</u>	<u>x 7</u>	<u>x 5</u>	<u>x 9</u>	<u>x 7</u>

3,141	2,709	4,186	1,744	3,141	2,456	2,709	4,186	3,141	2,456		
1,075	1,744	3,141	2,456	5,502	8,802	2,456	1,744	2,709	5,502		
3,012	5,502	2,709	8,802	1,075	1,185	5,502	3,141	1,075	8,802		
6,125	8,802	1,075	5,502	4,920	5,502	1,075	4,920	1,075	8,802	1,185	6,125
2,709	1,185	3,012	1,185	1,075	8,802	1,185	5,502	1,075	3,012		
3,141	4,186	6,125	8,802	5,502	4,920	5,502	3,012	1,185	2,709		
2,456	1,744	2,709	1,075	1,185	4,920	1,075	6,125	3,141	3,141		
2,709	4,186	3,141	4,186	8,802	5,502	8,802	2,709	1,744	2,456		
2,456	1,744	2,456	5,502	1,075	3,012	2,456	1,744	3,141	2,709		
3,141	1,075	8,802	1,185	6,125	2,709	3,141	1,744	2,456	4,186		

# Mystery Picture - Multiplication

2 Digits Times 1 Digit

Date \_\_\_\_\_

Name \_\_\_\_\_

**Orange**

$$\begin{array}{r} 387 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 307 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 349 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 218 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 598 \\ \times 7 \\ \hline \end{array}$$

**Black**

$$\begin{array}{r} 984 \\ \times 5 \\ \hline \end{array}$$

**White**

$$\begin{array}{r} 215 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 978 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 786 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 237 \\ \times 5 \\ \hline \end{array}$$

**Gray**

$$\begin{array}{r} 875 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 753 \\ \times 4 \\ \hline \end{array}$$

7,209	8,554	3,813	3,485	1,080	7,209	3,485	1,080	7,209	3,485
3,813	1,190	1,080	7,209	3,485 8,554	1,080 3,813	7,209 2,268	2,268	3,485 2,268	1,080
8,554	1,080	3,485	7,209 3,813	3,813	1,190	2,268 3,813	2,268	2,268	7,209
3,485	7,209	1,080 1,190	8,554	3,354 1,225	1,134 1,225	8,554	2,268 1,190	2,268 3,485	1,080
1,080	3,485 3,813	3,813	2,528	1,225 1,134	1,225 2,528	3,354	3,813	7,209 8,554	3,485
7,209 1,190	8,554	3,354	1,134	3,354	1,134	3,354	2,528	1,190	1,080 8,554
7,209	3,485	1,134 1,225	1,225 2,528	2,528	3,354	1,134 1,225	1,225 1,134	1,080	7,209
1,080	7,209	3,354	1,134	3,354 8,554	1,134 1,190	2,528	3,354	3,485	1,080
3,485	1,080	2,528	3,354	1,190	8,554	3,354	1,134	1,080	7,209
7,209	2,115	3,354	2,528	8,554	3,813	1,134	3,354	2,115	3,485

# Mystery Picture - Multiplication

Double Digit Multiplication #1

Date \_\_\_\_\_

Name \_\_\_\_\_

<p><b>Purple</b></p> $\begin{array}{r} 78 \\ \times 43 \\ \hline \end{array}$ $\begin{array}{r} 79 \\ \times 32 \\ \hline \end{array}$ $\begin{array}{r} 27 \\ \times 42 \\ \hline \end{array}$	<p><b>Gray</b></p> $\begin{array}{r} 41 \\ \times 85 \\ \hline \end{array}$ $\begin{array}{r} 89 \\ \times 81 \\ \hline \end{array}$ $\begin{array}{r} 15 \\ \times 72 \\ \hline \end{array}$	
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<p><b>Black</b></p> $\begin{array}{r} 94 \\ \times 91 \\ \hline \end{array}$ $\begin{array}{r} 41 \\ \times 93 \\ \hline \end{array}$ $\begin{array}{r} 14 \\ \times 85 \\ \hline \end{array}$	<p><b>Yellow</b></p> $\begin{array}{r} 54 \\ \times 42 \\ \hline \end{array}$	<p><b>Green</b></p> $\begin{array}{r} 49 \\ \times 25 \\ \hline \end{array}$	<p><b>Orange</b></p> $\begin{array}{r} 45 \\ \times 47 \\ \hline \end{array}$
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1,702	7,275	3,977	2,204	2,337	7,221	5,832	1,365	2,499	2,881
7,221	3,977	2,337	1,702	3,977	2,499	1,365 3,977	2,337 7,221	5,832	7,221
2,499	1,702	7,275	3,977	2,337	2,204	2,881 1,118	7,275 2,337	2,499 1,702	2,499
1,118	1,365	2,337	1,702	3,977	7,275	7,275 1,988	2,881 1,118	1,702 7,221	5,832
2,499	5,832	7,221	7,275	2,204	2,337	1,702	3,977	2,499	7,221
7,221	1,365	2,499	1,702	3,977	7,275	3,977	2,337	7,275	1,702
5,832	2,881	7,221	7,221	2,337	1,702	7,275	2,204	3,977	2,337
7,221	1,365	2,499	1,365	7,221	5,832	3,977	2,337	2,204	7,275
2,499	7,221	5,832	1,118	2,499	7,221	1,365	7,275	1,702	3,977
5,832	1,118	2,499	1,365	7,221	5,832	2,881	2,499	7,221	2,337

# Mystery Picture - Multiplication

Double Digit Multiplication #2

Date \_\_\_\_\_

Name \_\_\_\_\_

**Purple**

$\begin{array}{r} 72 \\ \times 81 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ \times 51 \\ \hline \end{array}$	$\begin{array}{r} 91 \\ \times 15 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ \times 87 \\ \hline \end{array}$
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**Yellow**

$\begin{array}{r} 43 \\ \times 67 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ \times 13 \\ \hline \end{array}$
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**Black**

$\begin{array}{r} 57 \\ \times 41 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ \times 46 \\ \hline \end{array}$	$\begin{array}{r} 75 \\ \times 97 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ \times 38 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ \times 41 \\ \hline \end{array}$
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**Red**

$\begin{array}{r} 28 \\ \times 71 \\ \hline \end{array}$
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2	5	11	13	3	17	19	7	2	13
3	13	2	7	17	19	2	11	5	7
2	11 14	9	10	14	8	4	12	15 2	3
7 10	15	8	4	9	12	10	9	4	9 11
14	9	21	6 20	10	4	8 21	22	16	12
4	16	22	18	8	15	20	21	10	9
9	15 20	12	10	16	9	8	14	12 18	16
15	21 10	18	22	4	20	18	21	22 9	8
7 4	15	8 20	16	21	22	14	20 10	4	15 5
13	5 6	9	8	4	10	6	12	14 2	7

# Mystery Picture - Prime and Composite

Date \_\_\_\_\_

Name \_\_\_\_\_

**Black**

Prime numbers between 2 - 15

List them and then color them on the drawing above

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**Green**

Prime numbers between 16 - 20

List them and then color them on the drawing above

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**Orange**

Composite numbers between 2 - 17

List them and then color them on the drawing above

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**Yellow**

Composite numbers between 17 - 23

List them and then color them on the drawing above

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8	9	27	45	18	54	36	9	27	24		
32	45	54	27	36	9	27	45	18	8		
16	27	5	18	21	45	14	9	7	32		
24	14	7	20	10	5	15	28	21	24		
8	54	27	9	7	20	18	36	45	16		
32	28	2	27	6	15	21	2	54	4	7	8
24	15	14	10	28	7	20	5	21	32		
16	7	21	5	15	7	20	5	14	10	28	24
8	14	15	28	14	21	10	20	15	16		
	32		2	6	4	2		8			
32	24	16	7	21	5	7	14	21	24	32	8

# Mystery Picture - Multiples

Date \_\_\_\_\_

Name \_\_\_\_\_

**Green**  
 List the first **four** multiples of **7** and color them green:  
 \_\_\_\_\_  
 List the first **four** multiples of **5** and color them green:  
 \_\_\_\_\_

**White**  
 List the first **three** multiples of **2** and color them white:  
 \_\_\_\_\_  
 \_\_\_\_\_

**Black**  
 List the first **six** multiples of **9** and color them black:  
 \_\_\_\_\_  
 \_\_\_\_\_

**Gray**  
 List the first **four** multiples of **8** and color them gray:  
 \_\_\_\_\_  
 \_\_\_\_\_

1	12	4	5 6	3	6	3 1	4	1	12
4	5	1	3	4	5	6	12	5	4
12	7	2	9	8	11	7	2	9	1
1	9	8	7	11	2	9	8	7	5
5	7	2	8 6	9	8	11 3	2	9	12
4	11	9	3	2	7	6	11	7	4
12	2	8	7	11	9	2	8	2	5
1	9	3	2	6	3	7	3	9	1
5	7	9 6	3	8	6	3	6 8	11	12
4	8	2	7	11	9	2	11	7	4

# Mystery Picture - Division

Division Facts

Date \_\_\_\_\_

Name \_\_\_\_\_

**Orange**

$49 \div 7 =$ _____	$72 \div 8 =$ _____	$18 \div 2 =$ _____
$18 \div 9 =$ _____	$21 \div 3 =$ _____	$56 \div 7 =$ _____
$44 \div 4 =$ _____	$32 \div 4 =$ _____	$10 \div 5 =$ _____
$27 \div 3 =$ _____	$77 \div 7 =$ _____	$42 \div 6 =$ _____

**Black**

$24 \div 8 =$  \_\_\_\_\_

$48 \div 8 =$  \_\_\_\_\_

$15 \div 5 =$  \_\_\_\_\_

$24 \div 4 =$  \_\_\_\_\_

**Green**

$8 \div 8 =$  \_\_\_\_\_

$24 \div 2 =$  \_\_\_\_\_

$20 \div 5 =$  \_\_\_\_\_

$35 \div 7 =$  \_\_\_\_\_

$48 \div 4 =$  \_\_\_\_\_

$45 \div 9 =$  \_\_\_\_\_

$2 \div 2 =$  \_\_\_\_\_

$36 \div 9 =$  \_\_\_\_\_



6 R1	7 R2	6 R1	7 R2	5 R5	4 R3	6 R1	7 R2	6 R1	7 R2
7 R2	6 R1	7 R2	5 R5	4 R3	5 R5	4 R3	6 R1	7 R2	6 R1
				5 R2	5 R2				
6 R1	7 R2	9 R7	9 R7	5 R2	9 R7	9 R7	5 R2	9 R7	9 R7
				9 R7	5 R2				
5 R5	4 R3	5 R5	4 R3	5 R2	5 R2	5 R5	4 R3	5 R5	4 R3
				5 R5	4 R3				
7 R2	7 R7	9 R1	3 R1	2 R4	3 R1	2 R4	7 R7	9 R1	7 R2
7 R7	9 R1	3 R1	3 R2	5 R5	3 R1	2 R4	4 R3	3 R2	2 R4
9 R1	7 R7	2 R4	3 R1	2 R4	3 R1	2 R4	3 R1	9 R1	7 R7
7 R7	9 R1	3 R1	2 R4	3 R1	2 R4	3 R1	2 R4	7 R7	9 R1
6 R1	7 R7	2 R4	8 R3	8 R3	8 R3	8 R3	3 R1	9 R1	6 R1
		9 R1	2 R4	8 R3	8 R3	2 R4	7 R7	9 R1	6 R1
7 R2	6 R1	7 R2	3 R1	2 R4	3 R1	2 R4	7 R2	6 R1	7 R2
			6 R1	2 R4	3 R1	6 R1	7 R2	6 R1	7 R2

# Mystery Picture - Division

2 Digits Divided By 1 Digit

Date \_\_\_\_\_

Name \_\_\_\_\_

**Purple**

$$5 \overline{) 37}$$

$$2 \overline{) 13}$$

**Green**

$$7 \overline{) 18}$$

$$9 \overline{) 28}$$

**Orange**

$$8 \overline{) 63}$$

$$4 \overline{) 37}$$

**Black**

$$5 \overline{) 23}$$

$$8 \overline{) 45}$$

**Yellow**

$$3 \overline{) 17}$$

**White**

$$9 \overline{) 29}$$

**Gray**

$$9 \overline{) 88}$$

**Red**

$$9 \overline{) 75}$$

# Answer Key

## Page 3: Multiplication - 2 Digits Times 2 Digit

207	285	207	194	332	207	171	194	147	332
332	365	175	171 147	280	280	332 365	175	285	171
171	194	147	365	702	301	285	147	332	194
175	365	285	702	301	702	301	175	365	285
332	194	147	301	702	301	702	285	207	171
147	285	175	285 147	301	702	175 285	365	147	285
171	332	194	285 194	365	285	175	147 207	171	332
207	147	365	175	280 147	280	365	285	175	365
194	285	332	171	194	207	332	171	147	207
332	171	194	207	332	171	194	207	332	171

**Mystery Picture - Multiplication**  
2 Digits Times 1 Digit

Name \_\_\_\_\_ Date \_\_\_\_\_

<i>Green</i>	$\begin{array}{r} 83 \\ \times 4 \\ \hline 332 \end{array}$	$\begin{array}{r} 19 \\ \times 9 \\ \hline 171 \end{array}$	$\begin{array}{r} 97 \\ \times 2 \\ \hline 194 \end{array}$	$\begin{array}{r} 23 \\ \times 9 \\ \hline 207 \end{array}$	<i>White</i>	$\begin{array}{r} 58 \\ \times 4 \\ \hline 232 \end{array}$	<i>Red</i>	$\begin{array}{r} 35 \\ \times 8 \\ \hline 280 \end{array}$
<i>Black</i>	$\begin{array}{r} 21 \\ \times 7 \\ \hline 147 \end{array}$	$\begin{array}{r} 73 \\ \times 5 \\ \hline 365 \end{array}$	$\begin{array}{r} 25 \\ \times 7 \\ \hline 175 \end{array}$	$\begin{array}{r} 57 \\ \times 5 \\ \hline 285 \end{array}$	<i>Gray</i>	$\begin{array}{r} 78 \\ \times 9 \\ \hline 702 \end{array}$	$\begin{array}{r} 43 \\ \times 7 \\ \hline 301 \end{array}$	

## Page 4: Multiplication - 3 Digits Times 2 Digit

3,141	2,709	4,186	1,744	3,141	2,456	2,709	4,186	3,141	2,456
1,075	1,744	3,141	2,456	5,502	8,802	2,456	1,744	2,709	5,502
3,012	5,502	2,709	8,802	1,075	1,185	5,502	3,141	1,075	8,802
6,125	8,802	1,075	5,502	4,920 5,502	1,075 4,920	1,075	8,802	1,185	6,125
2,709	1,185	3,012	1,185	1,075	8,802	1,185	5,502	1,075	3,012
3,141	4,186	6,125	8,802	5,502	4,920	5,502	3,012	1,185	2,709
2,456	1,744	2,709	1,075	1,185	4,920	1,075	6,125	3,141	3,141
2,709	4,186	3,141	4,186	8,802	5,502	8,802	2,709	1,744	2,456
2,456	1,744	2,456	5,502	1,075	3,012	2,456	1,744	3,141	2,709
3,141	1,075	8,802	1,185	6,125	2,709	3,141	1,744	2,456	4,186

**Mystery Picture - Multiplication**  
3 Digits Times 1 Digit

Name \_\_\_\_\_ Date \_\_\_\_\_

<i>Orange</i>	$\begin{array}{r} 387 \\ \times 7 \\ \hline 2,709 \end{array}$	$\begin{array}{r} 307 \\ \times 8 \\ \hline 2,456 \end{array}$	$\begin{array}{r} 349 \\ \times 9 \\ \hline 3,141 \end{array}$	$\begin{array}{r} 218 \\ \times 8 \\ \hline 1,744 \end{array}$	$\begin{array}{r} 598 \\ \times 7 \\ \hline 4,186 \end{array}$	<i>Black</i>	$\begin{array}{r} 984 \\ \times 5 \\ \hline 4,920 \end{array}$
<i>White</i>	$\begin{array}{r} 215 \\ \times 5 \\ \hline 1,075 \end{array}$	$\begin{array}{r} 978 \\ \times 9 \\ \hline 8,802 \end{array}$	$\begin{array}{r} 786 \\ \times 7 \\ \hline 5,502 \end{array}$	$\begin{array}{r} 237 \\ \times 5 \\ \hline 1,185 \end{array}$	$\begin{array}{r} 875 \\ \times 7 \\ \hline 6,125 \end{array}$	<i>Gray</i>	$\begin{array}{r} 753 \\ \times 4 \\ \hline 3,012 \end{array}$

## Page 5: Double Digit Multiplication #1

7,209	8,554	3,813	3,485	1,080	7,209	3,485	1,080	7,209	3,485
3,813	1,190	1,080	7,209	3,485 1,080	7,209	2,268	3,485 2,268	1,080	
8,554	1,080	3,485	7,209 3,813	3,813	1,190	3,813	2,268	2,268	7,209
3,485	7,209	1,080	8,554	3,354 1,134	1,134	8,554	2,268	2,268	1,080
1,080	3,485	3,813	2,528	1,225 1,225	1,225	1,190	3,485	1,080	
7,209	8,554	3,354	1,134	3,354	1,134	3,354	2,528	1,190	8,554
7,209	3,485	1,134 1,225	2,528	3,354	1,134 1,225	1,225	1,134	1,080	7,209
1,080	7,209	3,354	1,134	8,554 1,190	2,528	3,354	3,485	1,080	
3,485	1,080	2,528	3,354	1,190	8,554	3,354	1,134	1,080	7,209
7,209	2,115	3,354	2,528	8,554	3,813	1,134	3,354	2,115	3,485

**Mystery Picture - Multiplication**  
Double Digit Multiplication #1

Name \_\_\_\_\_ Date \_\_\_\_\_

<i>Purple</i>	$\begin{array}{r} 78 \\ \times 43 \\ \hline 3,354 \end{array}$	$\begin{array}{r} 79 \\ \times 32 \\ \hline 2,528 \end{array}$	$\begin{array}{r} 27 \\ \times 42 \\ \hline 1,134 \end{array}$	<i>Gray</i>	$\begin{array}{r} 41 \\ \times 85 \\ \hline 3,485 \end{array}$	$\begin{array}{r} 89 \\ \times 81 \\ \hline 7,209 \end{array}$	$\begin{array}{r} 15 \\ \times 72 \\ \hline 1,080 \end{array}$		
<i>Black</i>	$\begin{array}{r} 94 \\ \times 91 \\ \hline 8,554 \end{array}$	$\begin{array}{r} 41 \\ \times 93 \\ \hline 3,813 \end{array}$	$\begin{array}{r} 14 \\ \times 85 \\ \hline 1,190 \end{array}$	<i>Yellow</i>	$\begin{array}{r} 54 \\ \times 42 \\ \hline 2,268 \end{array}$	<i>Green</i>	$\begin{array}{r} 49 \\ \times 25 \\ \hline 1,225 \end{array}$	<i>Orange</i>	$\begin{array}{r} 45 \\ \times 47 \\ \hline 2,115 \end{array}$

## Page 6: Double Digit Multiplication #2

1,702	7,275	3,977	2,204	2,337	7,221	5,832	1,365	2,499	2,881
7,221	3,977	2,337	1,702	3,977	2,499	1,365 2,337	2,337	5,832	7,221
2,499	1,702	7,275	3,977	2,337	2,204	2,881 7,275	2,499	2,337	2,499
1,118	1,365	2,337	1,702	3,977	7,275	1,118 1,988	2,881	1,702	5,832
2,499	5,832	7,221	7,275	2,204	2,337	1,702	3,977	2,499	7,221
7,221	1,365	2,499	1,702	3,977	7,275	3,977	2,337	7,275	1,702
5,832	2,881	7,221	7,221	2,337	1,702	7,275	2,204	3,977	2,337
7,221	1,365	2,499	1,365	7,221	5,832	3,977	2,337	2,204	7,275
2,499	7,221	5,832	1,118	2,499	7,221	1,365	7,275	1,702	3,977
5,832	1,118	2,499	1,365	7,221	5,832	2,881	2,499	7,221	2,337

**Mystery Picture - Multiplication**  
Double Digit Multiplication #2

Name \_\_\_\_\_ Date \_\_\_\_\_

<i>Purple</i>	$\begin{array}{r} 72 \\ \times 81 \\ \hline 5,832 \end{array}$	$\begin{array}{r} 49 \\ \times 51 \\ \hline 2,499 \end{array}$	$\begin{array}{r} 91 \\ \times 15 \\ \hline 1,365 \end{array}$	$\begin{array}{r} 83 \\ \times 87 \\ \hline 7,221 \end{array}$	<i>Yellow</i>	$\begin{array}{r} 43 \\ \times 67 \\ \hline 2,881 \end{array}$	$\begin{array}{r} 86 \\ \times 13 \\ \hline 1,118 \end{array}$
<i>Black</i>	$\begin{array}{r} 57 \\ \times 41 \\ \hline 2,337 \end{array}$	$\begin{array}{r} 37 \\ \times 46 \\ \hline 1,702 \end{array}$	$\begin{array}{r} 75 \\ \times 97 \\ \hline 7,275 \end{array}$	$\begin{array}{r} 58 \\ \times 38 \\ \hline 2,204 \end{array}$	$\begin{array}{r} 97 \\ \times 41 \\ \hline 3,977 \end{array}$	<i>Red</i>	$\begin{array}{r} 28 \\ \times 71 \\ \hline 1,988 \end{array}$

# Answer Key

## Page 7: Prime and Composite Numbers

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

Date \_\_\_\_\_  
Name \_\_\_\_\_

**Black** Prime numbers between 2 - 15  
List them and then color them on the drawing above

2, 3, 5, 7, 11, 13

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

17, 19

**Orange** Composite numbers between 1 - 17  
List them and then color them on the drawing above

4, 6, 8, 9, 10, 12, 14, 15, 16

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

18, 20, 21, 22

## Page 8: Multiples

8	9	27	45	18	54	36	9	27	24
32	45	54	27	36	9	27	45	18	8
16	27	5	18	21	45	14	9	7	32
24	14	7	20	10	5	15	28	21	24
8	54	27	9	7	20	18	36	45	16
32	28	2	27	6	15	21	2	54	4
24	15	14	10	28	7	20	5	21	32
16	7	21	5	15	7	20	5	14	10
8	14	15	28	14	21	10	20	15	16
32	24	16	7	21	5	7	14	21	24

Date \_\_\_\_\_  
Name \_\_\_\_\_

**Green** List the first four multiples of 7 and color them green:  
7, 14, 21, 28

List the first four multiples of 5 and color them green:  
5, 10, 15, 20

**White** List the first three multiples of 2 and color them white:  
2, 4, 6

**Black** List the first six multiples of 9 and color them black:  
9, 18, 27, 36, 45, 54

**Gray** List the first four multiples of 8 and color them gray:  
8, 16, 24, 32

## Page 9: Division - Division Facts

1	12	4	5	3	6	3	4	1	12
4	5	1	3	4	5	6	12	5	4
12	7	2	9	8	11	7	2	9	1
1	9	8	7	11	2	9	8	7	5
5	7	2	6	9	8	11	3	2	9
4	11	9	3	2	7	6	11	7	4
12	2	8	7	11	9	2	8	2	5
1	9	3	2	6	3	7	3	9	1
5	7	9	6	3	8	6	3	6	11
4	8	2	7	11	9	2	11	7	4

Date \_\_\_\_\_  
Name \_\_\_\_\_

**Orange**

49 ÷ 7 = 7    72 ÷ 8 = 9    18 ÷ 2 = 9

18 ÷ 9 = 2    21 ÷ 3 = 7    56 ÷ 7 = 8

44 ÷ 4 = 11    32 ÷ 4 = 8    10 ÷ 5 = 2

27 ÷ 3 = 9    77 ÷ 7 = 11    42 ÷ 6 = 7

**Black**

24 ÷ 8 = 3    8 ÷ 8 = 1    48 ÷ 4 = 12

48 ÷ 8 = 6    24 ÷ 2 = 12    45 ÷ 9 = 5

15 ÷ 3 = 3    20 ÷ 5 = 4    2 ÷ 2 = 1

24 ÷ 4 = 6    35 ÷ 7 = 5    36 ÷ 9 = 4

## Page 10: Division - 2 Digits Divided By 1 Digit

6 R1	7 R2	6 R1	7 R2	5 R5	4 R3	6 R1	7 R2	6 R1	7 R2
7 R2	6 R1	7 R2	5 R5	4 R3	5 R5	4 R3	6 R1	7 R2	6 R1
6 R1	7 R2	9 R7	9 R7	5 R2	9 R7	5 R2	9 R7	9 R7	6 R1
5 R5	4 R3	5 R5	4 R3	5 R2	5 R2	5 R5	4 R3	5 R5	4 R3
7 R2	7 R7	9 R1	3 R1	2 R4	3 R1	2 R4	7 R7	9 R1	7 R2
7 R7	9 R1	3 R1	3 R2	3 R1	2 R4	4 R3	3 R2	2 R4	7 R7
9 R1	7 R7	2 R4	3 R1	2 R4	3 R1	2 R4	3 R1	9 R1	7 R7
7 R7	9 R1	3 R1	2 R4	3 R1	2 R4	3 R1	2 R4	7 R7	9 R1
6 R1	7 R7	2 R4	8 R3	8 R3	8 R3	8 R3	3 R1	9 R1	6 R1
7 R2	6 R1	7 R2	6 R1	2 R4	3 R1	2 R4	6 R1	7 R2	6 R1

Date \_\_\_\_\_  
Name \_\_\_\_\_

**Purple**

5) 37    2) 13

**Green**

7) 18    3) 28

**Orange**

8) 63    4) 37

**Black**

5) 23    8) 45

**Yellow**

3) 17

**White**

9) 29

**Gray**

9) 88

**Red**

9) 75