



4 3 0 7 2

Name: _____ Date: _____

ACHIEVEMENT CHART

Division facts

72 ÷ 8 = 9
8 ÷ 8 = 1
72 ÷ 8 = _____
8 ÷ 8 = _____
80 ÷ 8 = _____
24 ÷ 8 = _____
48 ÷ 8 = _____
32 ÷ 8 = _____
64 ÷ 8 = _____

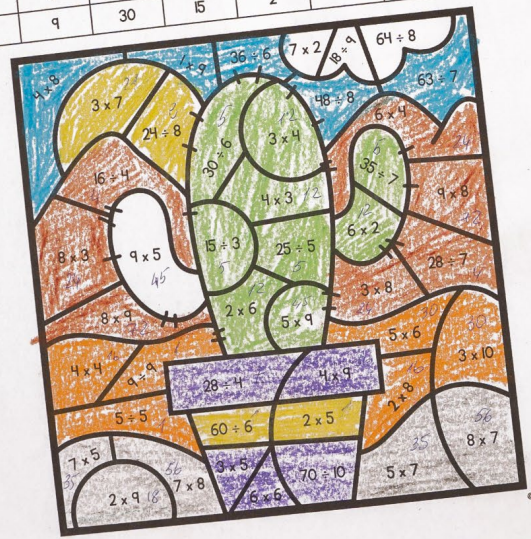
Name: _____ Date: _____

FLUENCY FACTS

color by number

Directions: Solve each equation. Then, color the picture according to the answer.

yellow	blue	orange	purple	white	green	gray	brown
10	32	1	7	8	5	18	4
3	6	16	36	14	12	35	24
21	9	30	15	2	45	56	72



3 x 4 x 5 x 6 x 7 x 8 x 9 x 10

MULTIPLICATION FACT

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x6

8 x 6 = _____
6 x 7 = _____
5 x 5 = _____

x6

8 x 6 = _____
6 x 7 = _____
6 x 5 = _____
6 x 6 = _____
1 x 6 = _____
9 x 6 = _____
6 x 6 = 8 x 6 = 48
6 x 7 = 42
6 x 5 = 30
6 x 6 = 36
1 x 6 = 6
9 x 6 = 54
6 x 2 = 12
6 x 0 = 0
6 x 3 = 18
4 x 6 = 24

Score: ____ / 10

quiz 2

x6

8 x 6 = _____
6 x 7 = _____
6 x 5 = _____
6 x 6 = _____
1 x 6 = _____
9 x 6 = _____
6 x 6 = 8 x 6 = 48
6 x 7 = 42
6 x 5 = 30
6 x 6 = 36
1 x 6 = 6
9 x 6 = 54
6 x 2 = 12
6 x 0 = 0
6 x 3 = 18
4 x 6 = 24

Score: ____ / 10

quiz 2

5 10 6 1



80 ÷ 8 = 10
 48 ÷ 8 = 6
 32 ÷ 8 = 4
 64 ÷ 8 = 8
 0 ÷ 8 = 0

Score: 10
 quiz 2

6 × 7 = 42
 6 × 5 = 30
 6 × 6 = 36
 1 × 6 = 6
 9 × 6 = 54
 6 × 2 = 12
 6 × 3 = 18
 6 × 0 = 0
 4 × 6 = 24

Score: 10
 quiz 2

72 ÷ 8 = 9
 8 ÷ 8 = 1
 80 ÷ 8 = 10
 24 ÷ 8 = 3
 32 ÷ 8 = 4
 64 ÷ 8 = 8
 0 ÷ 8 = 0
 40 ÷ 8 = 5
 56 ÷ 8 = 7

Score: 10
 quiz 1

Name: _____ Date: _____

FLUENCY FACTS

color by number

Directions: Solve each equation. Then, color the _____ the answer.

	yellow	blue	orange	purple
10	32	1	7	36
3	6	16	30	15
21	9	30	15	

Name: _____ Date: _____

ACHIEVEMENT CHART

multiplication facts

100%																				
90%																				
80%																				
70%																				
60%																				
50%																				
40%																				
30%																				
20%																				
10%																				
	x 0	x 1	x 2	x 3	x 4	x 5	x 6	x 7	x 8	x 9	x 10									

MULTIPLICATION FACT

Ernie Baker

72 ÷ 8 = _____
 8 ÷ 8 = _____
 80 ÷ 8 = _____
 24 ÷ 8 = _____
 48 ÷ 8 = _____
 32 ÷ 8 = _____
 64 ÷ 8 = _____
 0 ÷ 8 = _____
 40 ÷ 8 = _____
 56 ÷ 8 = _____

Score: _____ / 10
 quiz 1

8 × 6 = _____
 6 × 7 = _____
 6 × 5 = _____
 6 × 6 = _____
 1 × 6 = _____
 9 × 6 = _____
 6 × 2 = _____
 6 × 0 = _____
 6 × 3 = _____
 4 × 6 = _____

Score: _____ / 10
 quiz 2

8 × 6 = 48
 6 × 7 = 42
 6 × 5 = 30
 6 × 6 = 36
 1 × 6 = 6
 9 × 6 = 54
 6 × 2 = 12
 6 × 0 = 0
 6 × 3 = 18
 4 × 6 = 24

Score: 10
 quiz 2

8 × 6 = _____
 6 × 7 = _____
 6 × 5 = _____
 6 × 6 = _____
 1 × 6 = _____
 9 × 6 = _____
 6 × 2 = _____
 6 × 0 = _____
 6 × 3 = _____
 4 × 6 = _____

Score: _____ / 10
 quiz 2

FACT FLUENCY

MULTIPLICATION & DIVISION

3rd grade

Table of Contents

1. Multiplication and Division Fact Fluency Quizzes (92 pages)
2. Student Recording Chart for Fact Fluency Quizzes (2 pages)
3. Multiplication and Division Memory Game (27 pages)
4. Multiplication and/or Division Wild Monster Game (1 page)
5. Multiplication Pot Arrays Game (4 pages)
6. Multiplication and Division I have... Who Has? Game (3 pages)
7. Multiplication and Division Equation Coloring Game (1 page)
8. Fact Families (4 pages)
9. Color by Number Activities (2 pages)
10. Multiplication and/or Division Cupcake Chaos Game (3 pages)
11. Equation Snake Activity (1 page)



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÷ 2

12 ÷ 2 = _____

18 ÷ 2 = _____

2 ÷ 2 = _____

16 ÷ 2 = _____

20 ÷ 2 = _____

4 ÷ 2 = _____

8 ÷ 2 = _____

12 ÷ 2 = _____

10 ÷ 2 = _____

14 ÷ 2 = _____

Score: ____ / 10

Quiz 4

÷ 2

12 ÷ 2 = _____

18 ÷ 2 = _____

2 ÷ 2 = _____

16 ÷ 2 = _____

20 ÷ 2 = _____

4 ÷ 2 = _____

8 ÷ 2 = _____

12 ÷ 2 = _____

10 ÷ 2 = _____

14 ÷ 2 = _____

Score: ____ / 10

Quiz 4

÷ 2

12 ÷ 2 = _____

18 ÷ 2 = _____

2 ÷ 2 = _____

16 ÷ 2 = _____

20 ÷ 2 = _____

4 ÷ 2 = _____

8 ÷ 2 = _____

12 ÷ 2 = _____

10 ÷ 2 = _____

14 ÷ 2 = _____

Score: ____ / 10

Quiz 4

÷ 2

12 ÷ 2 = _____

18 ÷ 2 = _____

2 ÷ 2 = _____

16 ÷ 2 = _____

20 ÷ 2 = _____

4 ÷ 2 = _____

8 ÷ 2 = _____

12 ÷ 2 = _____

10 ÷ 2 = _____

14 ÷ 2 = _____

Score: ____ / 10

Quiz 4

x3

$9 \times 3 = \underline{\quad}$

$3 \times 6 = \underline{\quad}$

$3 \times 0 = \underline{\quad}$

$8 \times 3 = \underline{\quad}$

$3 \times 1 = \underline{\quad}$

$3 \times 10 = \underline{\quad}$

$3 \times 2 = \underline{\quad}$

$3 \times 3 = \underline{\quad}$

$4 \times 3 = \underline{\quad}$

$3 \times 5 = \underline{\quad}$

Score: / 10

Quiz 1

x3

$9 \times 3 = \underline{\quad}$

$3 \times 6 = \underline{\quad}$

$3 \times 0 = \underline{\quad}$

$8 \times 3 = \underline{\quad}$

$3 \times 1 = \underline{\quad}$

$3 \times 10 = \underline{\quad}$

$3 \times 2 = \underline{\quad}$

$3 \times 3 = \underline{\quad}$

$4 \times 3 = \underline{\quad}$

$3 \times 5 = \underline{\quad}$

Score: / 10

Quiz 1

x3

$9 \times 3 = \underline{\quad}$

$3 \times 6 = \underline{\quad}$

$3 \times 0 = \underline{\quad}$

$8 \times 3 = \underline{\quad}$

$3 \times 1 = \underline{\quad}$

$3 \times 10 = \underline{\quad}$

$3 \times 2 = \underline{\quad}$

$3 \times 3 = \underline{\quad}$

$4 \times 3 = \underline{\quad}$

$3 \times 5 = \underline{\quad}$

Score: / 10

Quiz 1

x3

$9 \times 3 = \underline{\quad}$

$3 \times 6 = \underline{\quad}$

$3 \times 0 = \underline{\quad}$

$8 \times 3 = \underline{\quad}$

$3 \times 1 = \underline{\quad}$

$3 \times 10 = \underline{\quad}$

$3 \times 2 = \underline{\quad}$

$3 \times 3 = \underline{\quad}$

$4 \times 3 = \underline{\quad}$

$3 \times 5 = \underline{\quad}$

Score: / 10

Quiz 1

MIXED

X

$9 \times 4 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$5 \times 10 = \underline{\quad}$

$7 \times 7 = \underline{\quad}$

$1 \times 3 = \underline{\quad}$

$5 \times 7 = \underline{\quad}$

$9 \times 6 = \underline{\quad}$

$8 \times 10 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

$2 \times 8 = \underline{\quad}$

Score: / 10

Quiz 2

MIXED

X

$9 \times 4 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$5 \times 10 = \underline{\quad}$

$7 \times 7 = \underline{\quad}$

$1 \times 3 = \underline{\quad}$

$5 \times 7 = \underline{\quad}$

$9 \times 6 = \underline{\quad}$

$8 \times 10 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

$2 \times 8 = \underline{\quad}$

Score: / 10

Quiz 2

MIXED

X

$9 \times 4 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$5 \times 10 = \underline{\quad}$

$7 \times 7 = \underline{\quad}$

$1 \times 3 = \underline{\quad}$

$5 \times 7 = \underline{\quad}$

$9 \times 6 = \underline{\quad}$

$8 \times 10 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

$2 \times 8 = \underline{\quad}$

Score: / 10

Quiz 2

MIXED

X

$9 \times 4 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$5 \times 10 = \underline{\quad}$

$7 \times 7 = \underline{\quad}$

$1 \times 3 = \underline{\quad}$

$5 \times 7 = \underline{\quad}$

$9 \times 6 = \underline{\quad}$

$8 \times 10 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

$2 \times 8 = \underline{\quad}$

Score: / 10

Quiz 2

MIXED

X

$8 \times 8 = \underline{\quad}$

$3 \times 4 = \underline{\quad}$

$7 \times 10 = \underline{\quad}$

$7 \times 8 = \underline{\quad}$

$9 \times 1 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$2 \times 5 = \underline{\quad}$

$0 \times 3 = \underline{\quad}$

$10 \times 3 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

Score: / 10

Quiz 3

MIXED

X

$8 \times 8 = \underline{\quad}$

$3 \times 4 = \underline{\quad}$

$7 \times 10 = \underline{\quad}$

$7 \times 8 = \underline{\quad}$

$9 \times 1 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$2 \times 5 = \underline{\quad}$

$0 \times 3 = \underline{\quad}$

$10 \times 3 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

Score: / 10

Quiz 3

MIXED

X

$8 \times 8 = \underline{\quad}$

$3 \times 4 = \underline{\quad}$

$7 \times 10 = \underline{\quad}$

$7 \times 8 = \underline{\quad}$

$9 \times 1 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$2 \times 5 = \underline{\quad}$

$0 \times 3 = \underline{\quad}$

$10 \times 3 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

Score: / 10

Quiz 3

MIXED

X

$8 \times 8 = \underline{\quad}$

$3 \times 4 = \underline{\quad}$

$7 \times 10 = \underline{\quad}$

$7 \times 8 = \underline{\quad}$

$9 \times 1 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$2 \times 5 = \underline{\quad}$

$0 \times 3 = \underline{\quad}$

$10 \times 3 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

Score: / 10

Quiz 3

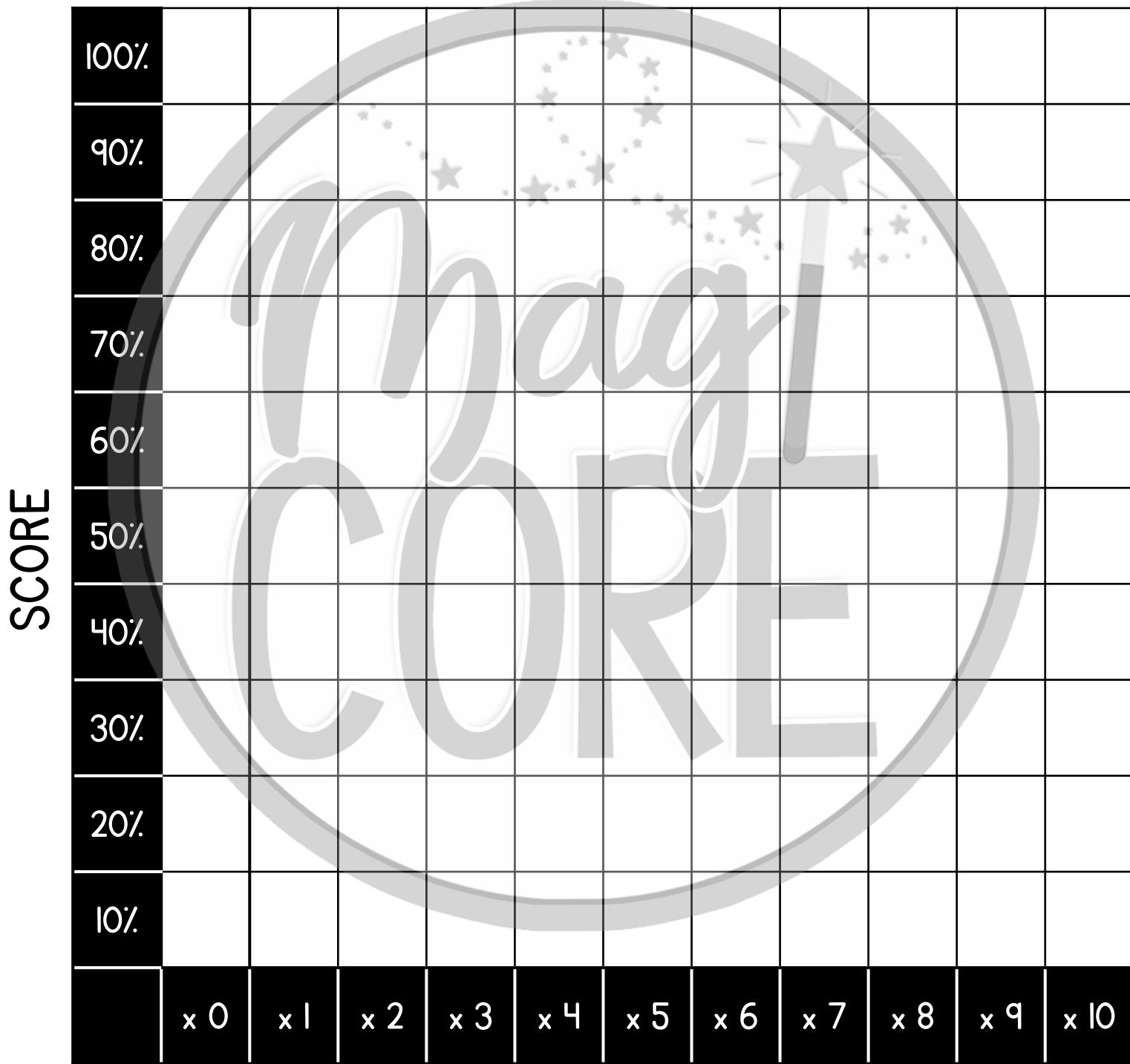
Name: _____ Date: _____



ACHIEVEMENT CHART



Multiplication facts



MULTIPLICATION FACT

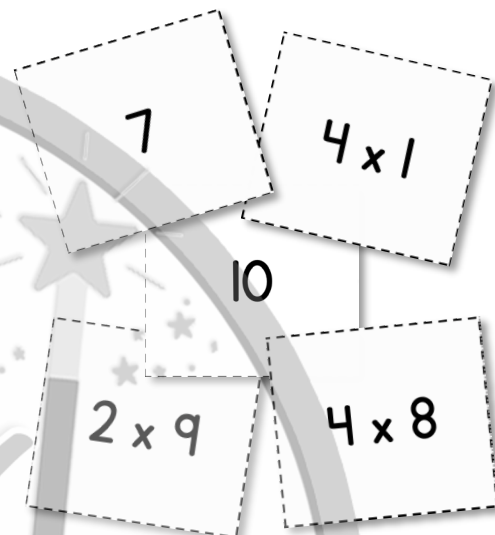
Name: _____ Date: _____

FLUENCY FACTS

Multiplication & division memory

Directions:

1. Cut out and shuffle the cards.
2. Place them face down in neat rows.
3. Flip over any two cards, trying to create a match between a multiplication or division equation and the product or quotient.
4. If you get a pair, keep the matching cards.
5. If you do not get a pair, flip the cards back over.



Play one of three ways:

INDEPENDENTLY

Time yourself. How quickly can you find all the matches?

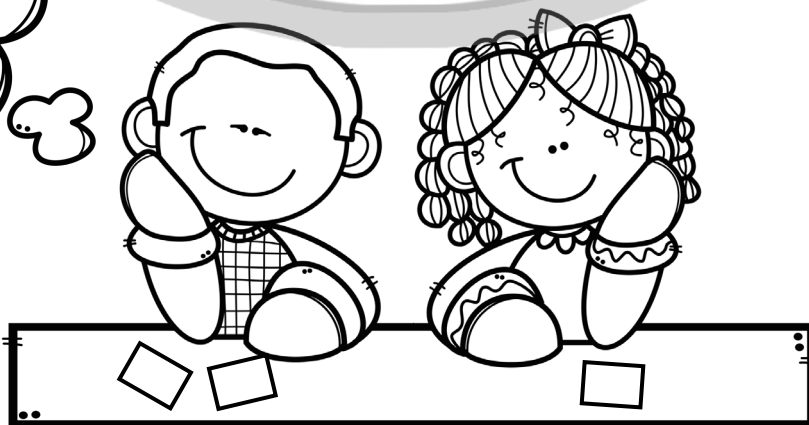
COLLABORATIVELY

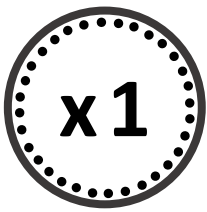
Work cooperatively with a partner to see how quickly you can find all the matches together.

COMPETITIVELY

Take turns with a partner, flipping over two cards per turn. Who can get more matches?

Be sure to pay close attention to the cards the other player turns over!





FLUENCY FACTS

Multiplication memory



1×1

3

1×10

1

6

7

2×1

7×1

1×6

4×1

9×1

10

1×3

8

2

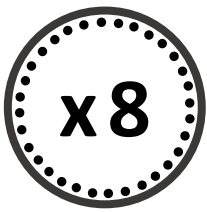
9

4

5×1

5

1×8



FLUENCY FACTS

Multiplication memory



1×8

24

8×10

8

48

56

2×8

7×8

8×6

4×8

9×8

80

8×3

64

16

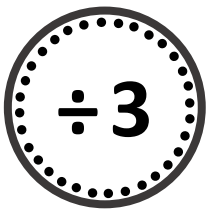
72

32

5×8

40

8×8



FLUENCY FACTS

division memory



$15 \div 3$

2

$3 \div 3$

9

0

$12 \div 3$

8

1

$27 \div 3$

5

$6 \div 3$

$24 \div 3$

4

$9 \div 3$

6

7

$21 \div 3$

3

$0 \div 3$

$18 \div 3$

Name: _____ Date: _____

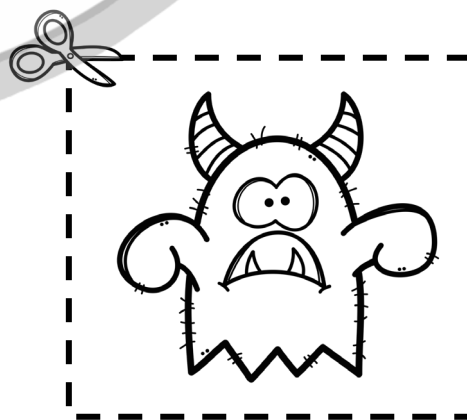
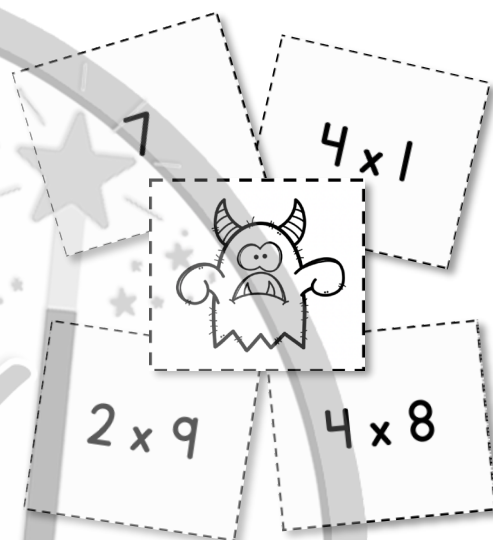
FLUENCY FACTS

Multiplication & division wild monster

(A version of Old Maid)

Directions:

1. Cut out the Wild Monster card below. Add it to any set of cards from multiplication or division memory.
2. Shuffle cards and deal equally between all players.
3. Match any pairs of cards that create correct equations and put in "discard" pile.
4. Player 1 offers their cards face down to Player 2.
5. Player 2 selects one card without peeking.
6. If Player 2 has selected a card that can be used to create a correct equation, discard the pair.
7. Player 2 offers their hand to the next player. Continue taking cards until all cards are discarded, always going in the same order.
8. The player with the wild card in the end is "Wild Monster"



Name: _____ Date: _____

FLUENCY FACTS

Equation coloring

Directions: Work with a partner. Take turns choosing three numbers to color in that create a division or multiplication equation. For example, color in 7, 5, and 35. Say both equations aloud ($7 \times 5 = 35$ and $35 \div 7 = 5$). The last person able to color in an equation wins.

81	8	7	15	45	8	2	24	25
9	4	5	6	10	9	3	2	5
5	0	7	49	3	7	5	70	24
3	8	9	16	4	6	32	1	5
7	35	9	4	40	2	0	5	4
3	4	7	8	28	18	9	27	3
4	5	12	30	8	3	6	6	12

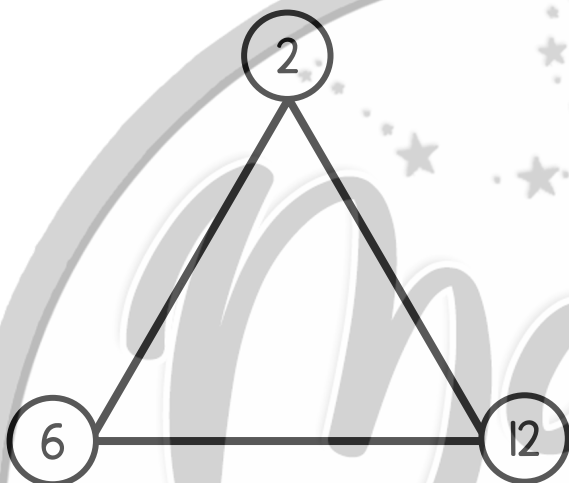
Name: _____ Date: _____

FLUENCY FACTS

Fact families

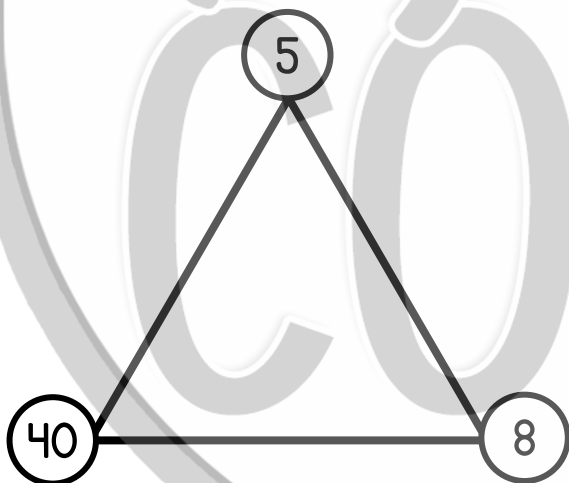
Directions: Write four fact family equations using the fact family triangles.

1



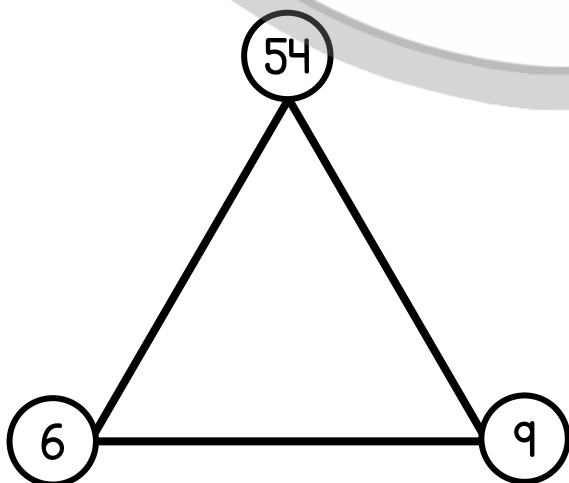
$$\begin{array}{l} \boxed{2} \times \boxed{6} = \boxed{} \\ \boxed{} \times \boxed{} = \boxed{} \\ \boxed{12} \div \boxed{6} = \boxed{} \\ \boxed{} \div \boxed{} = \boxed{} \end{array}$$

2



$$\begin{array}{l} \boxed{5} \times \boxed{8} = \boxed{} \\ \boxed{} \times \boxed{} = \boxed{} \\ \boxed{40} \div \boxed{5} = \boxed{} \\ \boxed{} \div \boxed{} = \boxed{} \end{array}$$

3



$$\begin{array}{l} \boxed{9} \times \boxed{6} = \boxed{} \\ \boxed{} \times \boxed{} = \boxed{} \\ \boxed{54} \div \boxed{9} = \boxed{} \\ \boxed{} \div \boxed{} = \boxed{} \end{array}$$

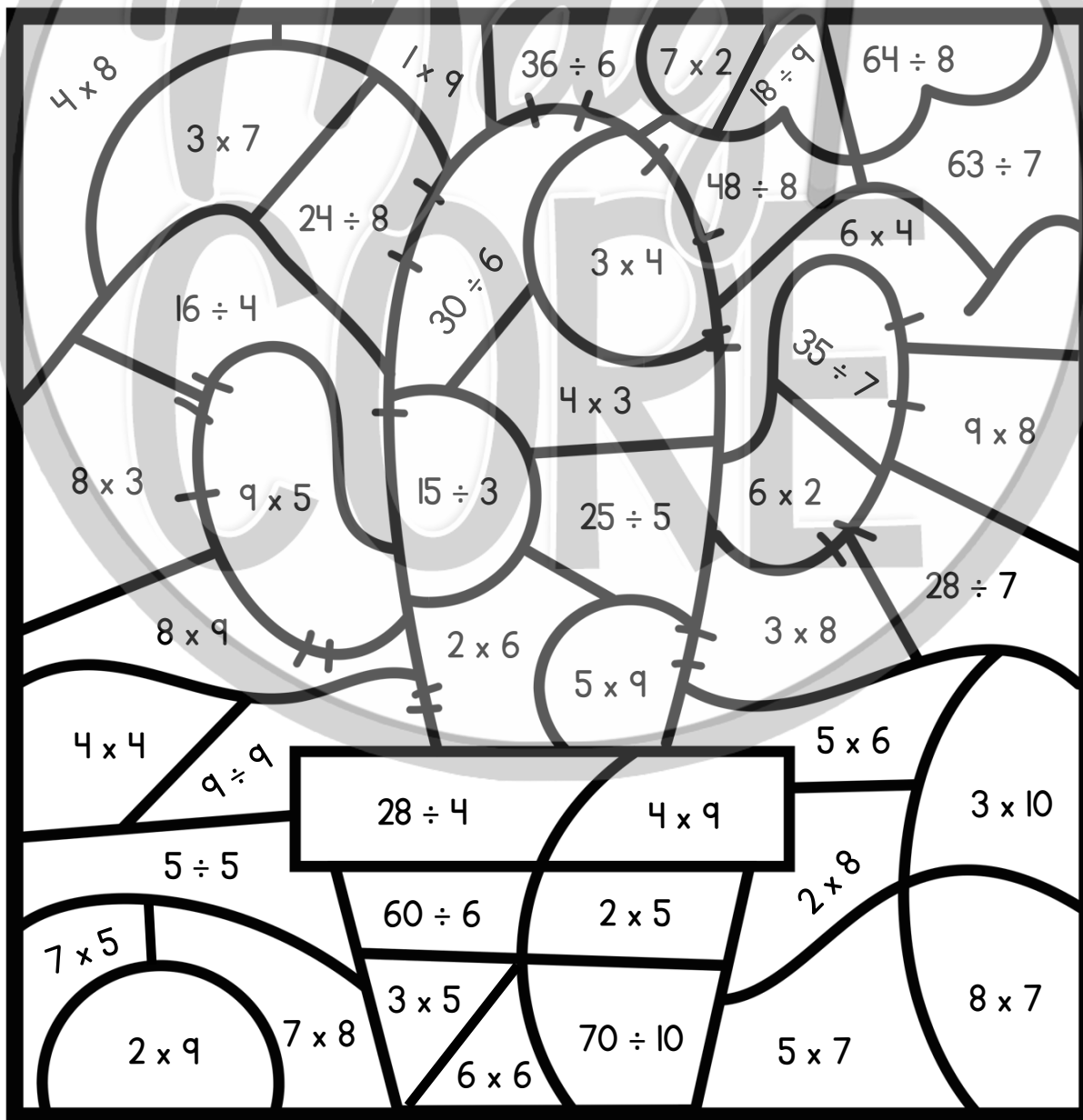
Name: _____ Date: _____

FLUENCY FACTS

Color by number

Directions: Solve each equation. Then, color the picture according to the answer.

yellow	blue	orange	purple	white	green	gray	brown
10	32	1	7	8	5	18	4
3	6	16	36	14	12	35	24
21	9	30	15	2	45	56	72



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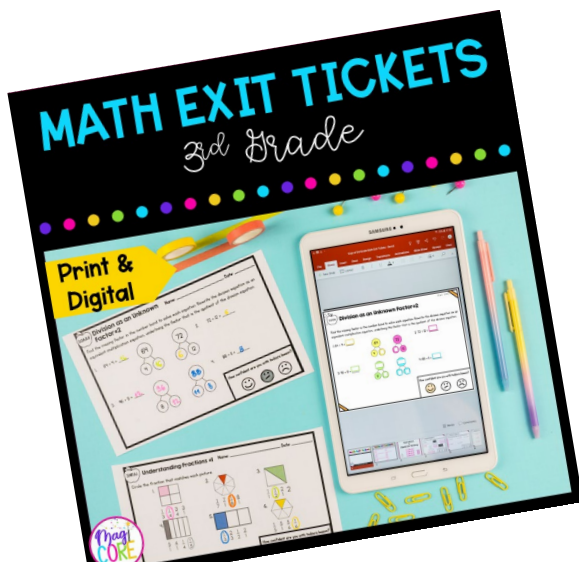


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