

Name: \_\_\_\_\_

# MULTIPLY BY TWELVE

Name: \_\_\_\_\_

## FACT CHECK

12 x 2 = \_\_\_\_\_ 7 x 12 = \_\_\_\_\_  
 12 x 1 = \_\_\_\_\_ 12 x 3 = \_\_\_\_\_  
 12 x 6 = \_\_\_\_\_ 9 x 12 = \_\_\_\_\_  
 5 x 12 = \_\_\_\_\_ 4 x 12 = \_\_\_\_\_  
 3 x 12 = \_\_\_\_\_ 12 x 9 = \_\_\_\_\_  
 12 x 4 = \_\_\_\_\_ 12 x 12 = \_\_\_\_\_  
 6 x 12 = \_\_\_\_\_ 2 x 12 = \_\_\_\_\_  
 12 x 7 = \_\_\_\_\_ 12 x 0 = \_\_\_\_\_

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## Skip Count by 12

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150

Color the chart by skip counting by 12's.

Count by 12's to fill in the circles

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## EMOJI MYSTERY

Color the answers in the grid to reveal a picture. You may find the answers more than once.

96	12	120	60	36	120	60	36	12	132
132	36	60	36	60	36	36	60	36	96
60	48	60	144	120	60	48	36	144	60
36	36	108	60	36	60	120	108	60	36
60	36	60	120	36	120	60	60	36	60
120	36	60	36	60	36	36	120	120	120
36	60	36	60	36	120	60	120	36	60
60	120	36	60	84	84	36	36	60	36
12	60	36	24	36	60	24	60	36	96
96	132	120	60	60	36	60	36	132	12

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## MENTAL MULTIPLICATION

Time yourself write completing all the facts of 12. Once you have finished, check your answers and write down how many you got right!

12 x 4 =  2 x 12 =   
 12 x 8 =  5 x 12 =   
 3 x 12 =  12 x 2 =   
 7 x 12 =  12 x 12 =   
 6 x 12 =  12 x 6 =   
 12 x 1 =  10 x 12 =   
 4 x 12 =  12 x 3 =   
 12 x 5 =  1 x 12 =

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## COLOR BY PRODUCT

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## ROLL and COMPARE

Roll 1 or 2 die and write the number to complete the number sentence. Write the answer and then write < > or = to compare each fact.

< Less than  
> Greater than  
= Equal to

12 x 4 = 48	<	12 x 6 = 72
12 x =		12 x =
12 x =		12 x =
12 x =		12 x =
12 x =		12 x =
12 x =		12 x =
12 x =		12 x =
12 x =		12 x =
12 x =		12 x =

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## MULTIPLY and GRAPH

Graph the facts according to their answers.

12x3, 12x4, 12x8, 12x2, 12x8, 12x3, 12x7, 12x2, 12x8, 12x3, 12x8, 12x2, 12x5, 12x4, 12x2, 12x8, 12x4, 12x3, 12x4, 12x3, 12x4

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## Multiplication Wheels

Answer the multiplication questions and then rewrite the facts as a number sentence.

Rewrite all the facts:

\_\_\_ x \_\_\_ = \_\_\_  
 \_\_\_ x \_\_\_ = \_\_\_  
 \_\_\_ x \_\_\_ = \_\_\_

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## Fact Fluency

Write the answers to the facts. Remember to cover any previous answers.

### Check 1

12 x 7 = \_\_\_\_\_ 12 x 2 = \_\_\_\_\_ 3 x 12 = \_\_\_\_\_  
 12 x 11 = \_\_\_\_\_ 4 x 12 = \_\_\_\_\_ 6 x 12 = \_\_\_\_\_  
 2 x 12 = \_\_\_\_\_ 5 x 12 = \_\_\_\_\_ 12 x 4 = \_\_\_\_\_  
 12 x 12 = \_\_\_\_\_ 12 x 8 = \_\_\_\_\_ 7 x 12 = \_\_\_\_\_  
 12 x 3 = \_\_\_\_\_ 12 x 1 = \_\_\_\_\_ 9 x 12 = \_\_\_\_\_  
 12 x 6 = \_\_\_\_\_ 8 x 12 = \_\_\_\_\_ 12 x 5 = \_\_\_\_\_  
 1 x 12 = \_\_\_\_\_ 12 x 10 = \_\_\_\_\_ 12 x 9 = \_\_\_\_\_

### Check 2

5 x 12 = \_\_\_\_\_  
 12 x 3 = \_\_\_\_\_  
 12 x 11 = \_\_\_\_\_  
 6 x 12 = \_\_\_\_\_  
 2 x 12 = \_\_\_\_\_  
 12 x 0 = \_\_\_\_\_  
 9 x 12 = \_\_\_\_\_

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## Multiplication Maze

Color all the true facts to help the snake get through the maze.

START	12x1=12	12x9=31	12x2=20	12x7=19
12x5=99	12x4=48	12x5=17	12x6=42	12x12=141
12x2=14	12x6=72	12x3=80	12x11=86	12x10=90
12x7=84	12x9=108	12x11=100	12x1=10	12x5=80
12x11=132	12x9=36	12x3=30	12x8=90	12x2=28
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12x11=132	12x9=36	12x3=30	12x8=90	12x2=28
12x3=36	12x7=84	12x6=23	12x1=12	12x6=18
12x5=99	12x4=48	12x5=17	12x6=42	12x12=141
12x2=14	12x6=72	12x3=80	12x11=86	12x10=90
12x7=84	12x9=108	12x11=100	12x1=10	12x5=80
12x11=132	12x9=36	12x3=30	12x8=90	

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# SPIN and SOLVE

Use a paperclip and pen to spin the spinner, write the number in an empty square and then answer the question.

$12 \times \square = \square$

$12 \times \square = \square$      $12 \times \square = \square$

$12 \times \square = \square$      $12 \times \square = \square$

$12 \times \square = \square$      $12 \times \square = \square$

$12 \times \square = \square$      $12 \times \square = \square$

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# FACT FAMILIES

Fill in the facts families.

36	72	48
12    3	12    6	12    4
$12 \times 3 = 36$	$\square \times \square = \square$	$\square \times \square = \square$
$3 \times 12 = 36$	$\square \times \square = \square$	$\square \times \square = \square$
$36 \div 3 = 12$	$\square \div \square = \square$	$\square \div \square = \square$
$36 \div 12 = 3$	$\square \div \square = \square$	$\square \div \square = \square$

60	108	84
5    12	12    9	7    12
$\square \times \square = \square$	$\square \times \square = \square$	$\square \times \square = \square$
$\square \times \square = \square$	$\square \times \square = \square$	$\square \times \square = \square$
$\square \div \square = \square$	$\square \div \square = \square$	$\square \div \square = \square$
$\square \div \square = \square$	$\square \div \square = \square$	$\square \div \square = \square$

96	132	120
8    12	12    11	12    10
$\square \times \square = \square$	$\square \times \square = \square$	$\square \times \square = \square$
$\square \times \square = \square$	$\square \times \square = \square$	$\square \times \square = \square$
$\square \div \square = \square$	$\square \div \square = \square$	$\square \div \square = \square$
$\square \div \square = \square$	$\square \div \square = \square$	$\square \div \square = \square$

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# SECRET CODE

Answer the multiplication questions and then use the letters to fill in the secret code.

(E)  $12 \times 2 = \square$     (O)  $12 \times 1 = \square$

(M)  $12 \times 6 = \square$     (D)  $12 \times 9 = \square$

(R)  $12 \times 10 = \square$     (U)  $12 \times 7 = \square$

(H)  $12 \times 8 = \square$     (T)  $12 \times 3 = \square$

(A)  $12 \times 4 = \square$     (P)  $12 \times 12 = \square$

(Y)  $12 \times 11 = \square$     (F)  $12 \times 5 = \square$

What's inside a camel's humps?

36   96   24   132   48   120   24

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# MULTIPLY and SEARCH

Write the answers to the facts and then search for them in the grid. Once you find them circle them and write a star to complete the equation.

12	72	12	12	144	96	3	12	36
84	12	6	7	2	12	24	60	10
96	2	4	12	3	48	11	2	48
12	24	5	3	108	12	8	12	6
84	12	24	36	12	6	9	4	12
72	11	48	96	3	72	12	8	96
6	12	72	24	12	1	72	10	12
120	12	10	120	5	60	2	12	96
36	12	132	12	7	84	96	4	36
12	84	7	8	60	6	4	48	144
1	12	8	12	96	12	120	24	84

$12 \times 2 = 24$

$12 \times 8 = \square$

$3 \times 12 = \square$

$12 \times 4 = \square$

$6 \times 12 = \square$

$12 \times 9 = \square$

$12 \times 1 = \square$

$2 \times 12 = \square$

$12 \times 10 = \square$

$12 \times 5 = \square$

$12 \times 3 = \square$

$8 \times 12 = \square$

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# MISSING FACTORS

Write the missing factor to complete the number sentence.

$12 \times \square = 84$      $8 \times \square = 96$

$6 \times \square = 72$      $4 \times \square = 48$

$\square \times 12 = 36$      $\square \times 12 = 144$

$5 \times \square = 60$      $12 \times \square = 12$

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# TRUE or FALSE

Color the true facts yellow and the false facts blue.

$5 \times 12 = 50$

$2 \times 12 = 24$

$7 \times 12 = 52$

$4 \times 12 = 44$

$3 \times 12 = 30$

$110 \times 12 = 1002$

$7 \times 12 = 84$

$6 \times 12 = 72$

$8 \times 12 = 96$

$3 \times 12 = 36$

$11 \times 12 = 110$

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# COMMUTATIVE PROPERTIES

Answer the multiplication question and then use the commutative property to rewrite it.

$12 \times 2 = 24$

$2 \times 12 = 24$

$5 \times 12 = \square$      $12 \times 9 = \square$      $1 \times 12 = \square$

$\square \times \square = \square$      $\square \times \square = \square$      $\square \times \square = \square$

$2 \times 12 = \square$      $12 \times 10 = \square$      $12 \times 3 = \square$

$\square \times \square = \square$      $\square \times \square = \square$      $\square \times \square = \square$

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# RAINBOW ARRAYS

Color the arrays to match the facts.

$9 \times 12$      $6 \times 12$      $2 \times 12$

$4 \times 12$      $3 \times 12$      $8 \times 12$

$7 \times 12$      $10 \times 12$      $5 \times 12$

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# MULTIPLICATION FACTS x12

Score: \_\_\_\_\_

Time: \_\_\_\_\_

$12 \times 10 = \square$      $12 \times 9 = \square$

$12 \times 6 = \square$      $12 \times 2 = \square$

$9 \times 12 = \square$      $5 \times 12 = \square$

$4 \times 12 = \square$      $12 \times 7 = \square$

$12 \times 0 = \square$      $10 \times 12 = \square$

$12 \times 1 = \square$      $12 \times 3 = \square$

$6 \times 12 = \square$      $8 \times 12 = \square$

$12 \times 12 = \square$      $2 \times 12 = \square$

$3 \times 12 = \square$      $11 \times 12 = \square$

Name: \_\_\_\_\_

# MULTIPLICATION FACTS x12

Score: \_\_\_\_\_

Time: \_\_\_\_\_

$12 \times 10 = \square$      $12 \times 9 = \square$

$12 \times 6 = \square$      $12 \times 2 = \square$

$9 \times 12 = \square$      $5 \times 12 = \square$

$4 \times 12 = \square$      $12 \times 7 = \square$

$12 \times 0 = \square$      $10 \times 12 = \square$

$12 \times 1 = \square$      $12 \times 3 = \square$

$6 \times 12 = \square$      $8 \times 12 = \square$

$12 \times 12 = \square$      $2 \times 12 = \square$

$3 \times 12 = \square$      $11 \times 12 = \square$

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# make an ARRAY

Draw some arrays to match the number sentences.

$7 \times 12$	$4 \times 12$	$5 \times 12$
$9 \times 12$	$6 \times 12$	$2 \times 12$
$1 \times 12$	$12 \times 12$	$10 \times 12$
$11 \times 12$		$3 \times 12$

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# MULTIPLY BY 12

Fill in the answers to the multiplication questions.

4	12	1	12	9	12
$\times 12$	$\times 6$	$\times 12$	$\times 2$	$\times 12$	$\times 7$
0	12	12	5	12	12
$\times 12$	$\times 12$	$\times 3$	$\times 12$	$\times 12$	$\times 1$
7	10	12	8	6	12
$\times 12$	$\times 12$	$\times 4$	$\times 12$	$\times 12$	$\times 11$
12	12	2	8	2	12
$\times 9$	$\times 4$	$\times 2$	$\times 9$	$\times 2$	$\times 12$
12	12	3	12	12	12
$\times 5$	$\times 12$	$\times 12$	$\times 12$	$\times 12$	$\times 12$

Name: \_\_\_\_\_

# FIVE IN A LINE

Spin the spinner using a pencil and paperclip and then color the answer. Can you get five in a line?

36	134	60	132
32	12	108	24
72	48	96	48
72	144	84	36
36	144	12	84
24	12	108	144
108	0	32	36
96	0	120	72
6	4	84	72
48	4	12	84
60	0	48	8
2	36	120	
48	96	12	132
60	96		

Preview

