

Name: _____

MULTIPLY BY NINE

Name: _____

FACT CHECK

8x9 = _____ 9x1 = _____
 9x9 = _____ 9x12 = _____
 5x9 = _____ 7x9 = _____
 9x3 = _____ 9x10 = _____
 11x9 = _____ 3x9 = _____
 9x8 = _____ 9x4 = _____
 9x2 = _____ 6x9 = _____
 1x9 = _____ 9x7 = _____

Name: _____

TRUE OR FALSE

Color the true facts yellow and the false facts blue.

2x9=18
 4x9=38
 5x9=50
 6x9=51
 5x9=45
 12x9=94
 2x9=16
 8x9=74
 1x9=9
 6x9=54
 9x9=81
 10x9=80
 3x9=27
 7x9=65

Name: _____

COLOR BY PRODUCT

blue 36, 63 red 45, 54

Name: _____

MULTIPLY BY

Fill in the answers to the multiplication questions.

| | | | | | |
|------|-----|-----|-----|-----|------|
| 9 | 9 | 3 | 7 | 9 | 11 |
| x 9 | x 2 | x 9 | x 9 | x 6 | x 9 |
| 9 | 4 | 9 | 12 | 9 | 9 |
| x 10 | x 9 | x 1 | x 9 | x 5 | x 7 |
| 6 | 10 | 2 | 9 | 8 | 9 |
| x 9 | x 9 | x 9 | x 0 | x 9 | x 9 |
| 7 | 9 | 9 | 5 | 1 | 9 |
| x 9 | x 3 | x 9 | x 9 | x 9 | x 12 |
| 0 | 9 | 9 | 6 | 9 | 9 |

Name: _____

MULTIPLICATION Maze

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

| | | | | |
|--------|---------|----------|---------|---------|
| START | 9x3=22 | 9x1=14 | 9x6=36 | 9x4=35 |
| 9x5=45 | 9x5=18 | 9x10=25 | 9x2=15 | 9x9=31 |
| 9x6=54 | 9x12=33 | 9x11=99 | 9x4=36 | 9x10=90 |
| 9x9=81 | 9x5=83 | 9x8=72 | 9x7=69 | 9x5=45 |
| 9x3=27 | 9x5=66 | 9x7=63 | 9x12=56 | 9x9=81 |
| 9x2=18 | 9x10=50 | 9x12=108 | 9x8=60 | 9x1=9 |
| 9x4=36 | 9x1=9 | 9x10=90 | 9x4=22 | 9x3=27 |
| 9x3=16 | 9x6=24 | 9x8=33 | 9x1=10 | 9x6=54 |
| 9x7=44 | 9x2=12 | 9x3=18 | 9x5=16 | 9x2=18 |

Name: _____

EMOJI MYSTERY

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

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 54 | 81 | 27 | 18 | 63 | 18 | 18 | 63 | 54 | 36 |
| 36 | 18 | 63 | 45 | 27 | 63 | 9 | 18 | 63 | 81 |
| 18 | 9 | 72 | 18 | 63 | 27 | 18 | 45 | 9 | 63 |
| 63 | 18 | 27 | 63 | 27 | 18 | 63 | 27 | 18 | 18 |
| 27 | 9 | 63 | 9 | 63 | 27 | 9 | 63 | 72 | 27 |
| 18 | 63 | 45 | 18 | 18 | 27 | 63 | 45 | 18 | 63 |
| 27 | 27 | 18 | 63 | 18 | 63 | 18 | 63 | 27 | 18 |
| 63 | 18 | 63 | 27 | 9 | 45 | 18 | 27 | 18 | 63 |

Name: _____

MULTIPLY and GRAPH

Graph the facts according to their answers.

9x1, 9x5, 9x3, 9x5, 9x3, 9x6, 9x6, 9x5, 9x4, 9x6, 9x5, 9x3, 9x3, 9x5, 9x3, 9x7, 9x1, 9x3, 9x4, 9x4, 9x6

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Name: _____

Multiplication Wheels

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

10 1
3 9x 8
5 12

7 9
11 9x 2
4 6

Rewrite all the facts: _____ x _____ = _____

Name: _____

REPEATED ADDITION

Write a repeated addition number sentence for the multiplication.

6x9 = 9+9+9+9+9+9 = 54

8x9 = _____
 3x9 = _____
 4x9 = _____
 12x9 = _____
 5x9 = _____
 11x9 = _____
 7x9 = _____

Name: _____

NUMBER BONDS

Write the missing number to complete the number bonds.

| | | |
|----|----|----|
| 18 | 72 | 63 |
| 2 | 9 | 7 |
| 90 | 27 | 9 |
| 9 | 3 | 9 |
| 81 | 36 | 18 |
| 9 | 9 | 9 |

Name: _____

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 9 to complete the equation.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|--------|
| 6 | 9 | 8 | 72 | 54 | 9 | 4 | 8 | 63 | 9x3=27 |
| 72 | 9 | 81 | 18 | 9 | 5 | 9 | 4 | 9 | 9x2= |
| 9 | 3 | 91 | 27 | 6 | 72 | 36 | 45 | 11 | 4x9= |
| 45 | 27 | 90 | 12 | 54 | 9 | 7 | 63 | 99 | 9x8= |
| 9 | 18 | 11 | 10 | 9 | 8 | 18 | 9 | 10 | 9x5= |
| 2 | 3 | 9 | 27 | 3 | 54 | 4 | 5 | 99 | 9x12= |
| 99 | 45 | 6 | 2 | 4 | 99 | 9 | 2 | 18 | 9x10= |
| 9 | 7 | 10 | 54 | 8 | 9 | 72 | 36 | 9 | 3x9= |
| 9 | 9 | 6 | 9 | 45 | 63 | 8 | 9 | 10 | 9x1= |
| 9 | 9 | 63 | 27 | 1 | 3 | 5 | 9 | 9 | 8x9= |
| 9 | 9 | 5 | 9 | 9 | 6 | 10 | 9 | 10 | 9x4= |
| 12 | 7 | 2 | 8 | 9 | 9 | 9 | 9 | 90 | 9x11= |
| 9 | 1 | 9 | 9 | 81 | 7 | 36 | 9 | 9 | 5x9= |
| 99 | 9 | 11 | 9 | 9 | 81 | 7 | 36 | 9 | 9x9= |
| | | | | | | | | | 9x6= |

Preview

Name: _____

Skip Count by 9

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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 |



Color the chart by skip counting by 9's.

Count by 9's to fill in the circles



Name: _____

MENTAL MULTIPLICATION

5 x 9 = 9 x 7 =

9 x 3 = 9 x 1 =

8 x 9 = 4 x 9 =

9 x 10 = 9 x 6 =

2 x 9 = 11 x 9 =

9 x 2 = 9 x 4 =

9 x 9 = 7 x 9 =

9 x 5 = 3 x 9 =

12 x 9 = 9 x 8 =

Time yourself while completing all the facts of 9. Once you have finished, check your answers and write down how many you got right!

WORD PROBLEMS

Name: _____

There are 9 bushes in a garden. Each bush has 2 berries growing on it. How many berries are there in all?

_____ x _____ = _____

I have 9 pieces of paper. I drew 5 love hearts on each one. How many love hearts did I draw?

_____ x _____ = _____

The flower shop has 9 vases with 3 flowers in each. How many flowers does the shop have altogether?

SECRET CODE

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

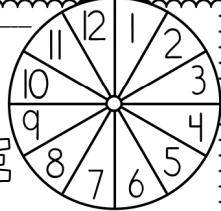
- C 9 x 5 = E 9 x 7 =
 S 9 x 3 = D 9 x 2 =
 A 9 x 10 = O 9 x 8 =
 H 9 x 6 = N 9 x 4 =
 Y 9 x 1 = P 9 x 11 =
 U 9 x 12 = T 9 x 9 =

Why do bats hang upside down?

Name: _____



SPIN and SOLVE



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

x =
 x = 9 x =
 x = 9 x =
 x = 9 x =

Name: _____

Fact F L U E N C Y

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

Check 1

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

Check 2

- 9 x 9 = 9 x 7 = 5 x 9 =

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

| | | |
|--------------------------|---|--------------------------|
| 9 x 4 = 36 | < | 9 x 6 = 54 |
| 9 x <input type="text"/> | | 9 x <input type="text"/> |
| 9 x <input type="text"/> | | 9 x <input type="text"/> |
| 9 x <input type="text"/> | | 9 x <input type="text"/> |
| 9 x <input type="text"/> | | 9 x <input type="text"/> |
| 9 x <input type="text"/> | | 9 x <input type="text"/> |

FACT FAMILIES

Fill in the fact families.

| | | |
|--|--|---|
| 36 4 9 <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> | 54 9 6 <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> | 27 3 9 <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> |
| 63 9 7 <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> | 45 5 9 <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> | 90 10 9 <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> x <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> <input type="text"/> ÷ <input type="text"/> = <input type="text"/> |

MULTIPLICATION FACTS x9

Score: _____ Time: _____

9 x 7 = 9 x 4 =
 1 x 9 = 9 x 0 =
 10 x 9 = 9 x 8 =
 11 x 9 = 2 x 9 =
 9 x 5 = 6 x 9 =
 8 x 9 = 9 x 3 =
 11 x 9 = 12 x 9 =

MULTIPLICATION FACTS x9

Score: _____ Time: _____

9 x 7 = 9 x 4 =
 1 x 9 = 9 x 0 =
 10 x 9 = 9 x 8 =
 11 x 9 = 2 x 9 =
 9 x 5 = 6 x 9 =
 8 x 9 = 9 x 3 =
 11 x 9 = 12 x 9 =

Illustration of a boy with a speech bubble containing numbers: 36, 45, 27, 54, 18, 9, 63, 72, 90, 81.

| x | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 2 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| 3 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 |
| 4 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 | 44 | 48 |
| 5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 6 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 |
| 7 | 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 | 77 | 84 |
| 8 | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 | 88 | 96 |
| 9 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 | 99 | 108 |
| 10 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| 11 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 110 | 121 | 132 |
| 12 | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 |



MISSING FACTORS

Write the missing factor to complete the number sentence.

9 x = 27 7 x = 63
 9 x = 45 9 x = 72
 x 10 = 90 x 9 = 9
 6 x = 54 2 x = 18
 x = 8 9 x = 36
 x 3 = 27 x 8 = 72
 9 x = 63 x 5 = 45
 9 x = 18 11 x = 99

RAINBOW ARRAYS

Color the arrays to match the facts.

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

preview

Name: _____

COMMUTATIVE PROPERTY

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

$9 \times 3 = 27$
 $3 \times 9 = 27$

| | | |
|--|--|--|
| $9 \times 5 = \underline{\quad}$ | $1 \times 9 = \underline{\quad}$ | $2 \times 9 = \underline{\quad}$ |
| $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ | $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ | $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ |
| $12 \times 9 = \underline{\quad}$ | $9 \times 6 = \underline{\quad}$ | $10 \times 9 = \underline{\quad}$ |
| $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ | $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ | $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ |
| $4 \times 9 = \underline{\quad}$ | $9 \times 0 = \underline{\quad}$ | $9 \times 8 = \underline{\quad}$ |
| $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ | $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ | $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ |

Name: _____

FIVE IN A LINE

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

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

| | | | |
|----|-----|-----|----|
| 27 | 108 | 54 | 99 |
| 81 | 9 | 72 | 81 |
| 63 | 36 | 27 | 18 |
| 72 | 81 | 108 | 36 |
| 18 | 99 | 63 | 54 |
| 36 | 18 | 45 | 99 |
| 99 | 27 | 90 | 9 |
| 45 | 63 | 81 | 9 |
| 54 | 9 | 45 | 81 |
| 27 | 90 | 27 | 63 |

Name: _____

make an ARRAY

Draw some arrays to match the number sentences.

| | | |
|---------------|---------------|--------------|
| 10×9 | 3×9 | 9×9 |
| 6×9 | 11×9 | 2×9 |
| 12×9 | 4×9 | 8×9 |
| 1×9 | 7×9 | 5×9 |

MULTIPLICATION

Print & go



Name: _____

MULTIPLY and GRAPH

Graph the facts according to their answers.

| | | | | |
|--------------|--------------|--------------|--------------|--------------|
| 9×5 | 9×3 | 9×5 | 9×3 | 9×6 |
| 9×5 | 9×4 | 9×6 | 9×5 | |
| 9×5 | 9×3 | 9×7 | 9×1 | 9×3 |
| 9×6 | | | | 9×4 |
| 9×1 | | | | 9×6 |
| 9×3 | | | | 9×4 |

Name: _____

Multiplication Wheels

Rewrite all the facts:

| | | | |
|----|----|----|--|
| 10 | 1 | | |
| 3 | 9x | 8 | |
| 5 | | 12 | |

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

Name: _____

FIVE IN A LINE

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

| | | | |
|----|-----|-----|-----|
| 27 | 108 | 54 | 99 |
| 81 | 9 | 72 | 81 |
| 63 | 36 | 27 | 18 |
| 72 | 81 | 108 | 36 |
| 18 | 99 | 63 | 54 |
| 36 | 18 | 45 | 99 |
| 99 | 27 | 90 | 9 |
| 45 | 63 | 81 | 9 |
| 54 | 9 | 45 | 81 |
| 27 | 90 | 27 | 63 |
| 72 | 45 | 90 | 36 |
| 9 | 72 | 54 | 108 |

Name: _____

RAINBOW ARRAYS

Color the arrays to match the facts.

| | | |
|---------------|---------------|--------------|
| 8×9 | 9×9 | 5×9 |
| 10×9 | 3×9 | 7×9 |
| 6×9 | 12×9 | 4×9 |

Name: _____

COLOR BY PRODUCT

blue: 36, 63 red: 45, 54
 yellow: 72, 108 pink: 27, 81
 green: 9, 18 gray: 90, 99

Name: _____

MULTIPLY BY NINE

9 TIMES TABLES