

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

# Multiplication - Number Fact Families E



### Strategy: 9x - "Tens Less One Set"

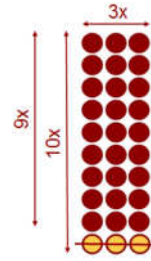
9 is one less than 10 so x 10 and take away one set.

Think: 9 x 6 is the same as 10 x 6 – 1 x 6

or

Think: 9 x 6... one less than 6 is 5... fifty-what? 5 + 4 = 9... 54

There are also some finger games you can play for x 9.



### Number Fact Family for 8 x 9 (x 10 take 8)

1)  $8 \times 9 =$  \_\_\_\_\_ 2)  $9 \times 8 =$  \_\_\_\_\_

3)  $72 \div 9 =$  \_\_\_\_\_ 4)  $72 \div 8 =$  \_\_\_\_\_

### Number Fact Family for 6 x 9 (x 10 take 6)

5)  $6 \times 9 =$  \_\_\_\_\_ 6)  $9 \times 6 =$  \_\_\_\_\_

7)  $54 \div 9 =$  \_\_\_\_\_ 8)  $54 \div 6 =$  \_\_\_\_\_

### Related Facts

Write the Number

9)  $9 \times 4 =$  \_\_\_\_\_

11) \_\_\_\_\_

17)  $9 \times 9 =$  \_\_\_\_\_

19)  $81 \div 9 =$  \_\_\_\_\_

25) \_\_\_\_\_

27)  $99 \div 9 =$  \_\_\_\_\_

28)  $99 \div 11 =$  \_\_\_\_\_

29)  $5 \times 9 =$  \_\_\_\_\_

30)  $9 \times 5 =$  \_\_\_\_\_

31) \_\_\_\_\_

32) \_\_\_\_\_

33) \_\_\_\_\_

34) \_\_\_\_\_

35)  $27 \div 9 =$  \_\_\_\_\_

36)  $27 \div 3 =$  \_\_\_\_\_

37)  $10 \times 9 =$  \_\_\_\_\_

38)  $9 \times 7 =$  \_\_\_\_\_

39)  $0 \times 9 =$  \_\_\_\_\_

40)  $9 \times 12 =$  \_\_\_\_\_

41)  $2 \times 9 =$  \_\_\_\_\_

42)  $9 \times 5 =$  \_\_\_\_\_

43)  $1 \times 9 =$  \_\_\_\_\_

44)  $9 \times 6 =$  \_\_\_\_\_

### Division: $\div 9$ , $\div$ Related Fact

45)  $27 \div 9 =$  \_\_\_\_\_

46)  $54 \div 6 =$  \_\_\_\_\_

47)  $81 \div 9 =$  \_\_\_\_\_

48)  $90 \div 9 =$  \_\_\_\_\_

49)  $18 \div 3 =$  \_\_\_\_\_

50)  $63 \div 9 =$  \_\_\_\_\_

51)  $9 \div 9 =$  \_\_\_\_\_

52)  $108 \div 12 =$  \_\_\_\_\_

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# ANSWERS

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

## Multiplication - Number Fact Families E



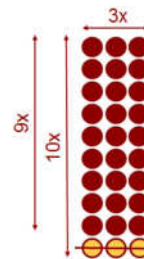
### Strategy: 9x - "Tens Less One Set"

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or

Think:  $9 \times 6$ ... one less than 6 is 5... fifty-what?  $5 + 4 = 9$ ... 54

There are also some finger games you can play for x 9.



### Number Fact Family for 8 x 9 (x 10 take 8)

1)  $8 \times 9 = 72$       2)  $9 \times 8 = 72$

3)  $72 \div 9 = 8$       4)  $72 \div 8 = 9$

### Number Fact Family for 6 x 9 (x 10 take 6)

5)  $6 \times 9 = 54$       6)  $9 \times 6 = 54$

7)  $54 \div 9 = 6$       8)  $54 \div 6 = 9$

### Related Facts

#### Write the Number

9)  $9 \times 4 = 36$

11)  $36 \div 4 = 9$

17)  $9 \times 9 = 81$

19)  $81 \div 9 = 9$

25)  $11 \times 9 = 99$

27)  $99 \div 9 = 11$       28)  $99 \div 11 = 9$

29)  $5 \times 9 = 45$       30)  $9 \times 5 = 45$

31)  $45 \div 9 = 5$       32)  $45 \div 5 = 9$

33)  $3 \times 9 = 27$       34)  $9 \times 3 = 27$

35)  $27 \div 9 = 3$       36)  $27 \div 3 = 9$

37)  $10 \times 9 = 90$       38)  $9 \times 7 = 63$

39)  $0 \times 9 = 0$       40)  $9 \times 12 = 108$

41)  $2 \times 9 = 18$       42)  $9 \times 5 = 45$

43)  $1 \times 9 = 9$       44)  $9 \times 6 = 54$

### Division: $\div 9$ , $\div$ Related Fact

45)  $27 \div 9 = 3$       46)  $54 \div 6 = 9$

47)  $81 \div 9 = 9$       48)  $90 \div 9 = 10$

49)  $18 \div 3 = 6$       50)  $63 \div 9 = 7$

51)  $9 \div 9 = 1$       52)  $108 \div 12 = 9$



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$= 63$

$= 9$

$= 108$

$12 = 9$

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