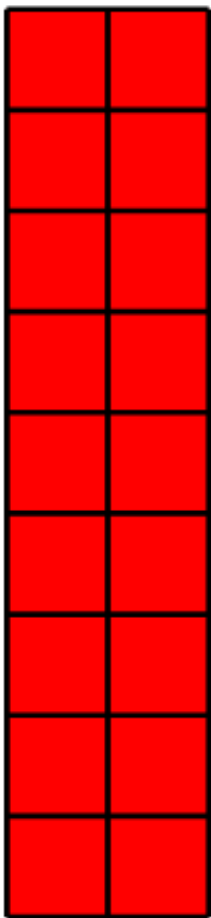
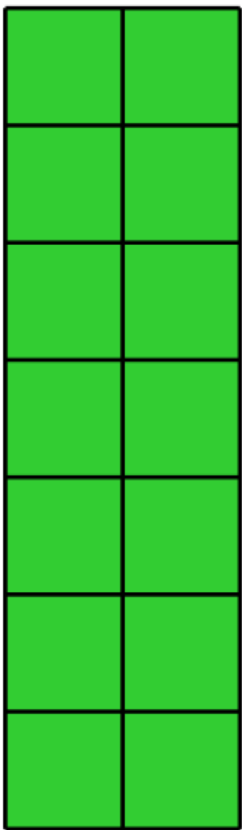


Basic Fact Strategies

# Doubles

$7 + 7 = 14$

$2 \text{ groups of } 7 = 2 \times 7 = 14$



$9 + 9 = 18$

$2 \text{ groups of } 9 = 2 \times 9 = 18$

x	0	1	2	3	4	5	6	7	8	9	10
0			0								
1			2								
2	0	2	4	6	8	10	12	14	16	18	20
3			6								
4			8								
5			10								
6			12								
7			14								
8			16								
9			18								
10			20								

# Basic Fact Strategies

# Count by Fives

1 group of 5 = 1 x 5 = 5

2 groups of 5 = 2 x 5 = 10

3 groups of 5 = 3 x 5 = 15

4 groups of 5 = 4 x 5 = 20

5 groups of 5 = 5 x 5 = 25

6 groups of 5 = 6 x 5 = 30

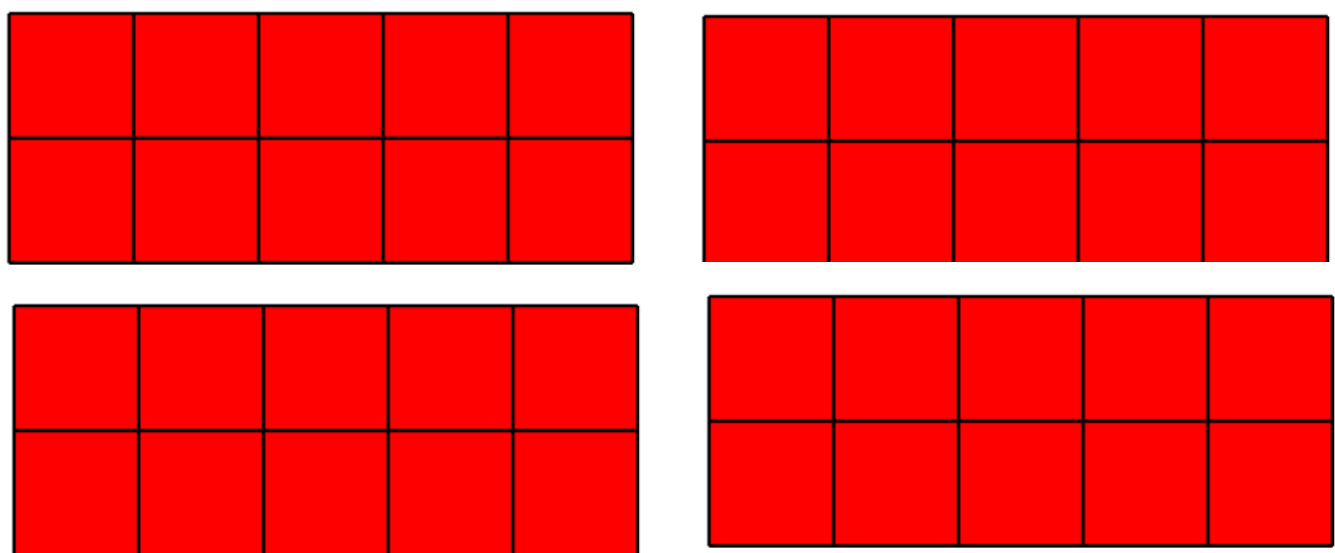
7 groups of 5 = 7 x 5 = 35

x	0	1	2	3	4	5	6	7	8	9	10
0						0					
1						5					
2						10					
3						15					
4						20					
5	0	5	10	15	20	25	30	35	40	45	50
6						30					
7						35					
8						40					
9						45					
10						50					



# Basic Fact Strategies

# Count by Tens

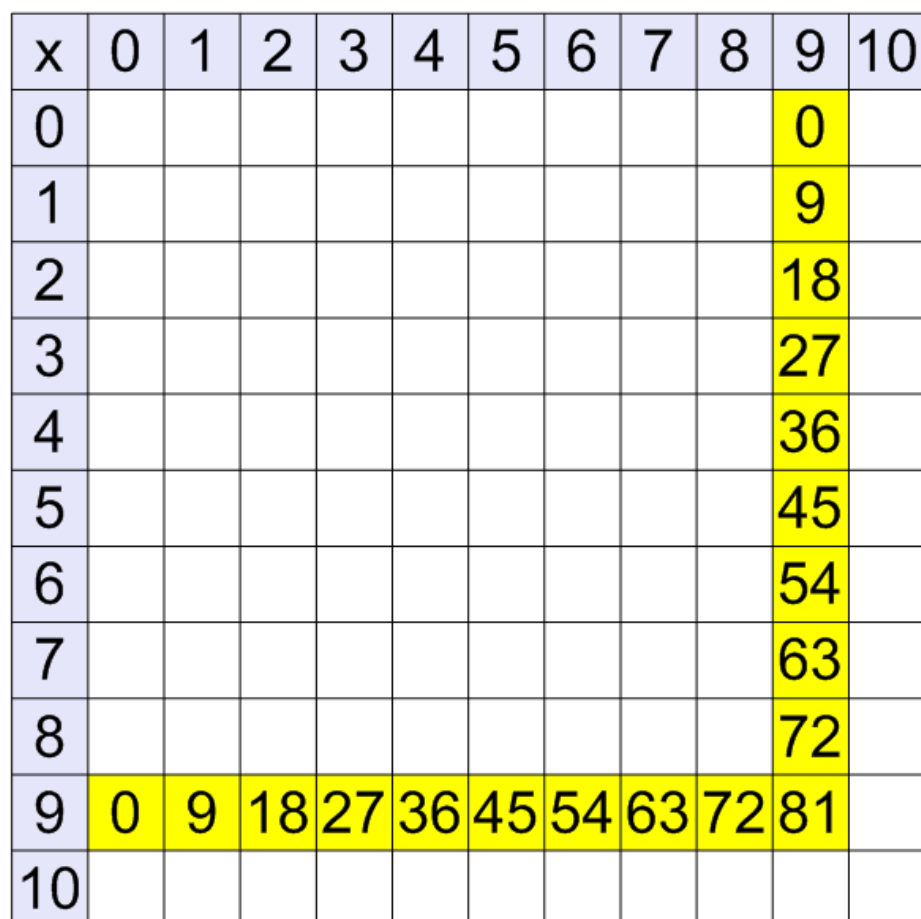


4 groups of 10 = 4 x 10 = 40

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

# Nines

6 groups of 10 - 6 = 60 - 6 = 54

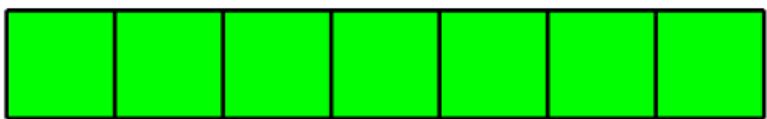


## Basic Fact Strategies

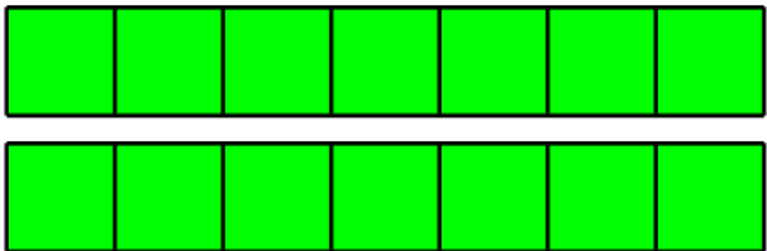
# Double Double Double



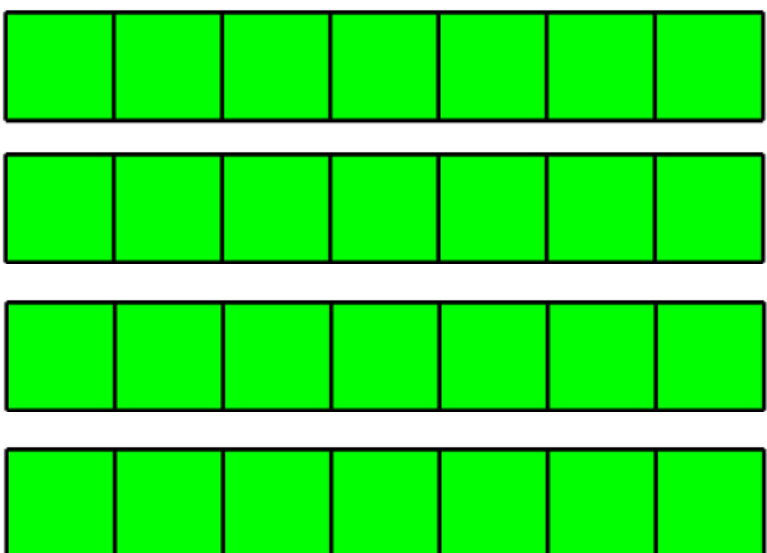
**1** group of 7 =  $1 \times 7 =$  **7**



**2** groups of 7 =  $2 \times 7 =$  **14**



**4** groups of 7 =  $4 \times 7 =$  **28**



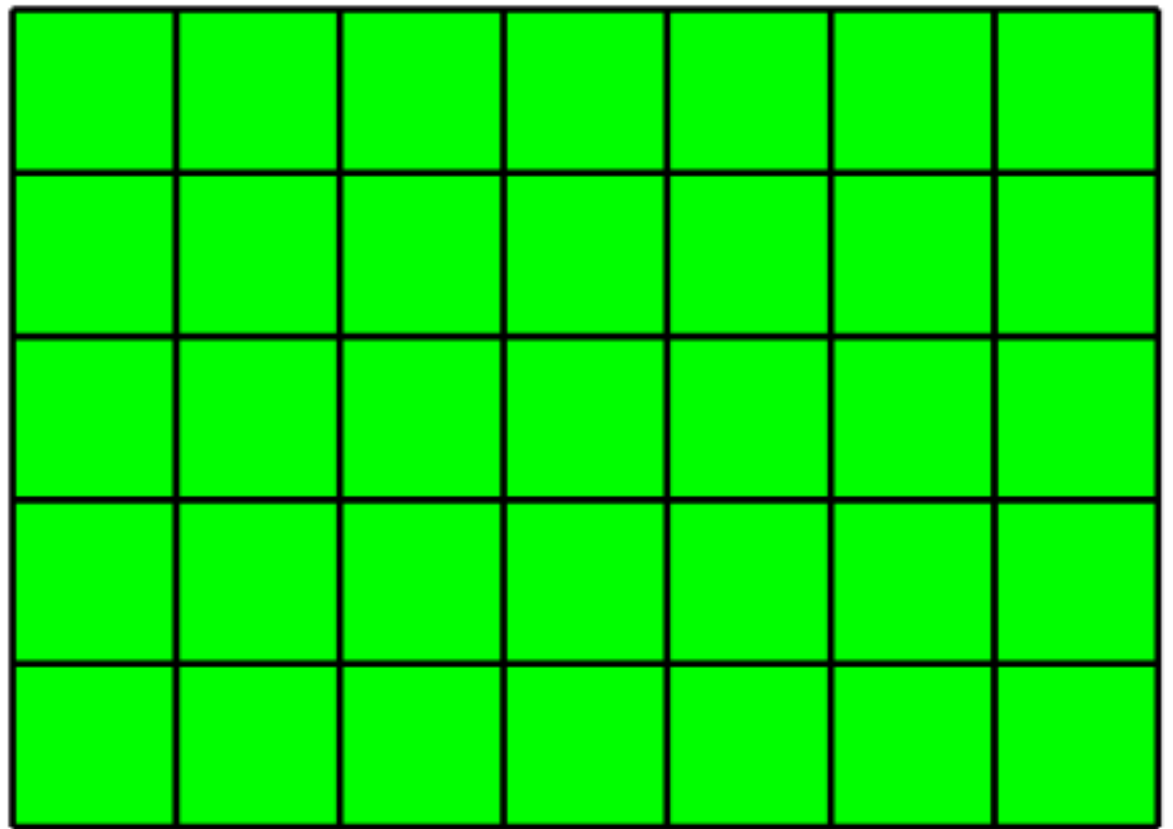
**8** groups of 7 =  $8 \times 7 =$  **56**

## Basic Fact Strategies

# Work from a Known Fact

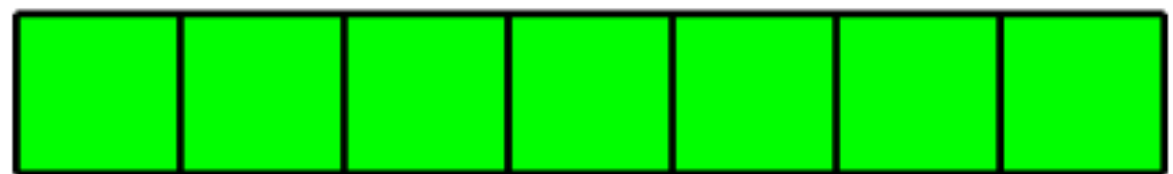
5 groups of 7 = 35

$$5 \times 7 = 35$$



1 more group of 7

$$6 \times 7 = 35 + 7 = 42$$



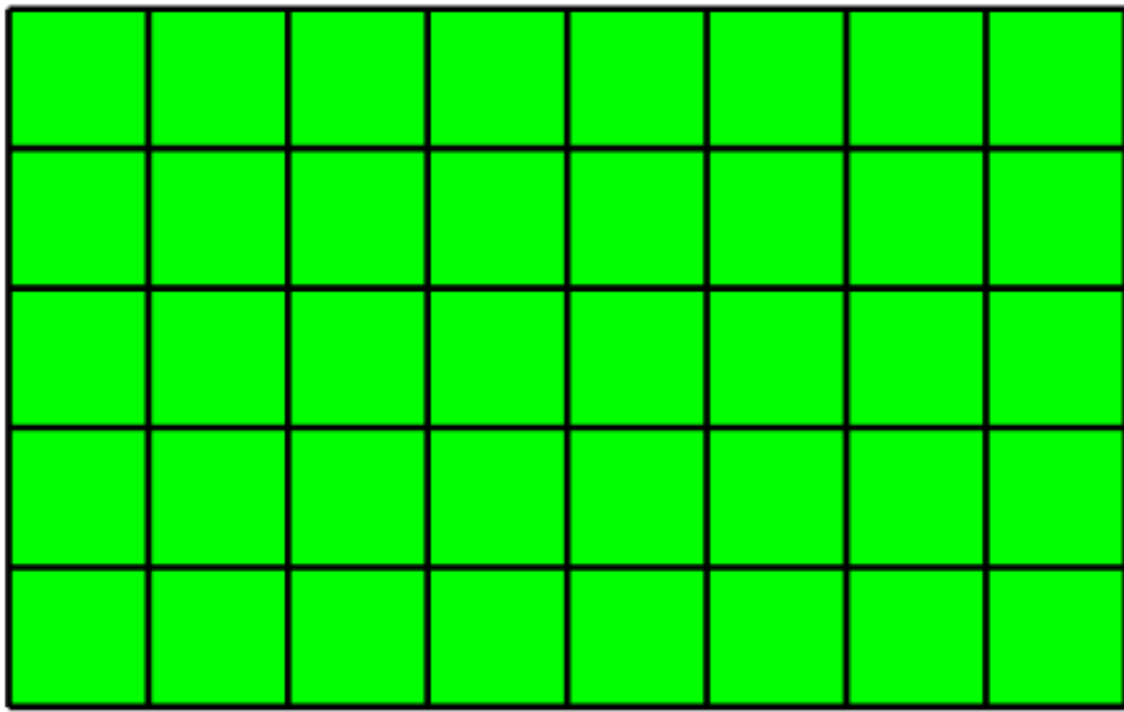
1 more group of 7

$$7 \times 7 = 42 + 7 = 49$$



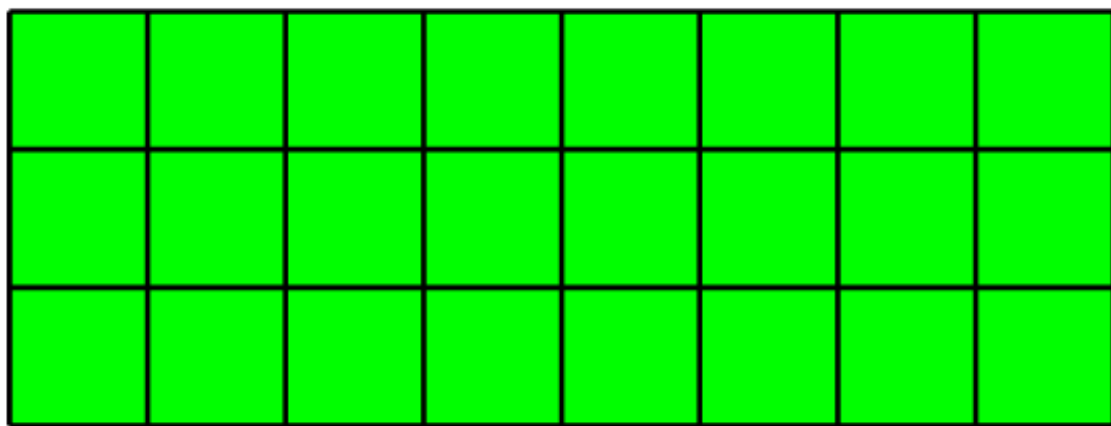
## Basic Fact Strategies

# Partial Products



5 groups of 8 = 40

$$5 \times 8 = 40$$



3 groups of 8 = 24

$$3 \times 8 = 24$$

Therefore, 8 groups of 8 = 64

5 groups of 8 = 40

+3 groups of 8 = 24

8 groups of 8 = 64



## Basic Fact Strategies

# Halving and Doubling

