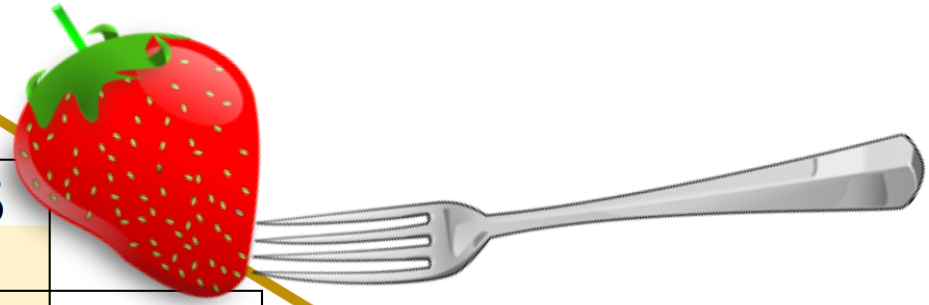
SHORT CAKE MULTIPLICATION!

**color of cake is insignificant*

(there to show the color and design of the cake)

2 x 2 **4**							
2 x 3 **6**	3 x 3 **9**						
2 x 4 **8**	3 x 4 **12**	4 x 4 **16**					
2 x 5 **10**	3 x 5 **15**	4 x 5 **20**	5 x 5 **25**				
2 x 6 **12**	3 x 6 **18**	4 x 6 **24**	5 x 6 **30**	6 x 6 **36**			
2 x 7 **14**	3 x 7 **21**	4 x 7 **28**	5 x 7 **35**	6 x 7 **42**	7 x 7 **49**		
2 x 8 **16**	3 x 8 **24**	4 x 8 **32**	5 x 8 **40**	6 x 8 **48**	7 x 8 **56**	8 x 8 **64**	
2 x 9 **18**	3 x 9 **27**	4 x 9 **36**	5 x 9 **45**	6 x 9 **54**	7 x 9 **63**	8 x 9 **72**	9 x 9 **81**



SHORT CAKE MULTIPLICATION!

-practice saying it without the "times" or "equals" to help you with chunking the numbers together.

**color of cake is insignificant*

(there to show the color of the cake)

2 x 2 = 4 two-two four							
2 x 3 = 6 two-three six	**3 x 3 = 9** three-three nine						
2 x 4 = 8 two-four eight	**3 x 4 = 12** three-four twelve	**4 x 4 = 16** four-four sixteen					
2 x 5 = 10 two-five ten	**3 x 5 = 15** three-five fifteen	**4 x 5 = 20** four-five twenty	**5 x 5 = 25** five-five twenty five				
2 x 6 = 12 two-six twelve	**3 x 6 = 18** three-six eighteen	**4 x 6 = 24** four-six twenty four	**5 x 6 = 30** five-six thirty	**6 x 6 = 36** six-six thirty six			
2 x 7 = 14 two-seven fourteen	**3 x 7 = 21** three-seven twenty one	**4 x 7 = 28** four-seven twenty eight	**5 x 7 = 35** five-seven thirty five	**6 x 7 = 42** six-seven forty two	**7 x 7 = 49** seven-seven forty nine		
2 x 8 = 16 two-eight sixteen	**3 x 8 = 24** three-eight twenty four	**4 x 8 = 32** four-eight thirty two	**5 x 8 = 40** five-eight forty	**6 x 8 = 48** six-eight forty eight	**7 x 8 = 56** seven-eight fifty six	**8 x 8 = 64** eight-eight sixty four	
2 x 9 = 18 two-nine eighteen	**3 x 9 = 27** three-nine twenty seven	**4 x 9 = 36** four-nine thirty six	**5 x 9 = 45** five-nine forty five	**6 x 9 = 54** six-nine fifty four	**7 x 9 = 63** seven-nine sixty three	**8 x 9 = 72** eight-nine seventy two	**9 x 9 = 81** nine-nine eighty one

SHORT CAKE MULTIPLICATION

Shortcake Multiplication was created to help "shorten" and simplify the process of memorizing the times table.

Since "2 x 8" and "8 x 2" yields the same answer, there is no need for the students to memorize each individual times table column.

Hence, students technically only need to know "half" of the times table.

MEMORIZATION TIP

The human brain is able to "chunk" numbers together to assist with memory.
For example, a seven-digit phone number is chunked into XXX - XXXX digits of 3 and 4.

Applying the same concept with the times table would help with the brain being able to "chunk" specific numbers together.

Instead of memorizing and saying "2 x 6 = 12" as "two times six equals twelve," eliminate the word "times" and "equals" since they are redundant.

Try just saying "two-six-twelve" to help the brain simply "chunk" the four digits together.