

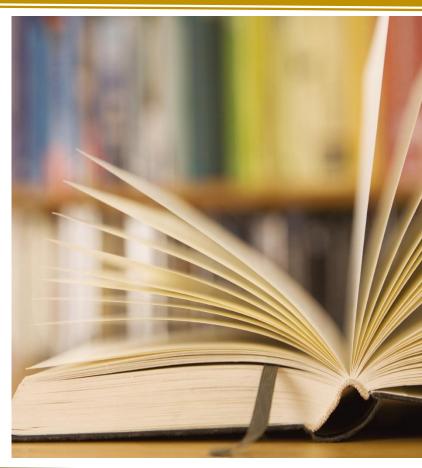


 $\begin{array}{cc} \text{G4-Math} & \text{W1-T2} \\ 3^{\text{rd}}: 7^{\text{th}} \text{ Jan.} \end{array}$

Chapter 3 Lesson 1

Multiply 2-Digit Numbers by Multiples of 10

Grade 4 Teachers





Multiply it by 10s

Learning Objectives:

• I will multiply 2 digit numbers by multiples of 10.

• Success Criteria:

I will be successful if I can multiply 2 digit numbers by multiples of 10 into different strategy.





• <u>https://www.youtube.com/watch?v=uYRTtwZGwj8</u>

Let us multiply by multiples of 10



https://www.splashlearn.com/math-skills/thirdgrade/multiplication2/multiply-by-multiples-of-10--g3



Learn the Process!



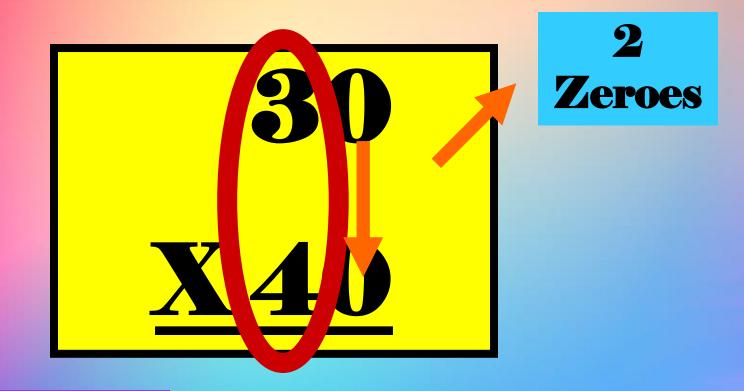
https://www-

<u>k6.thinkcentral.com/content/hsp/math/gomath/na/gr4/online_interactive_teacher_book_97</u> 80544349094_/G4_Chp3_L1/launch.html



Place Value Strategy

How can Zero the Hero help you?







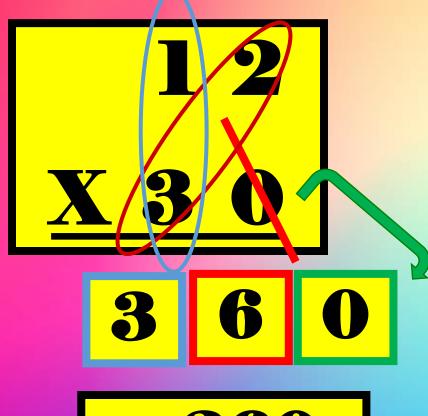


120 tens



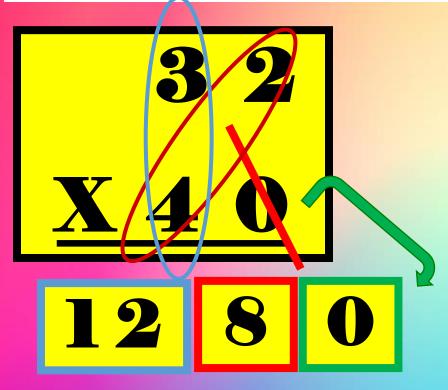
How can Zero the Hero help you if it by 2 digit numbers?

=960

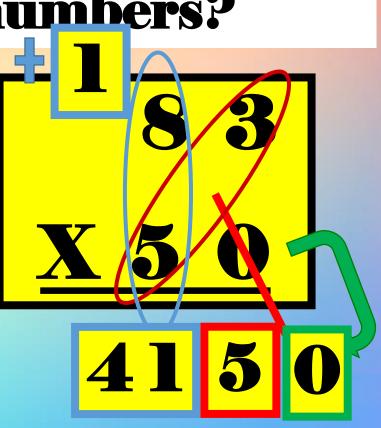




How can Zero the Hero help you if it by 2 digit numbers?

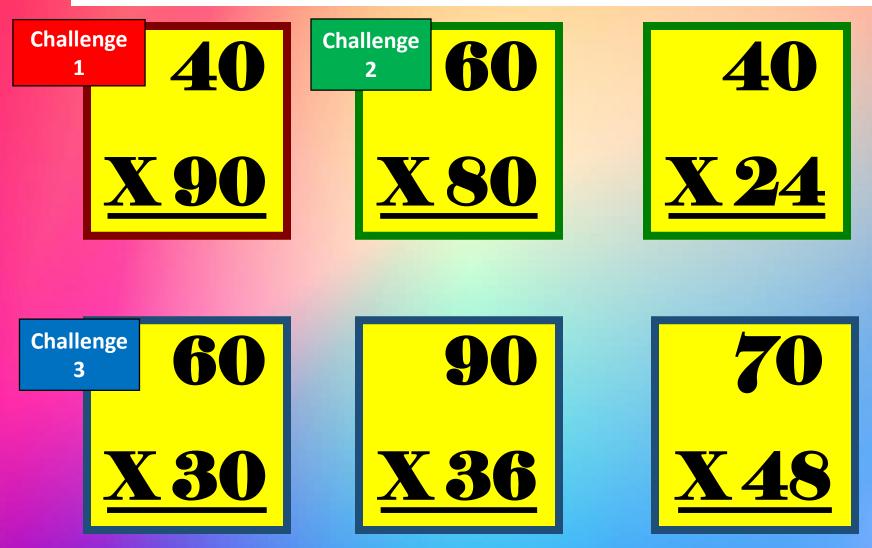








Try These With Your Groupmates





Associative Strategy

$A \times (B \times C) = (A \times B) \times C$

Remember 30x 40?

A x (B x C)= (A x B) x C

Think of 30 as 3 x 10 or

40 as 4 x 10

$30 \times 40 = 30 \times (4 \times 10)$

 $= (30 \times 4) \times 10$



= 1200







$$12 \times 30 = (6 \times 2) \times 30$$

$$= 6 \times (2 \times 30)$$

= 6 x (60)









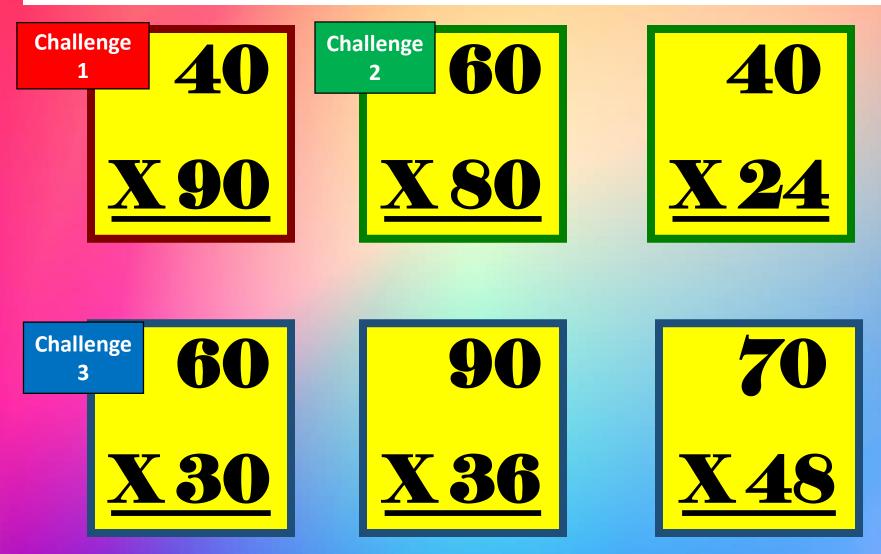
$$24 \times 40 = (4 \times 6) \times 40$$

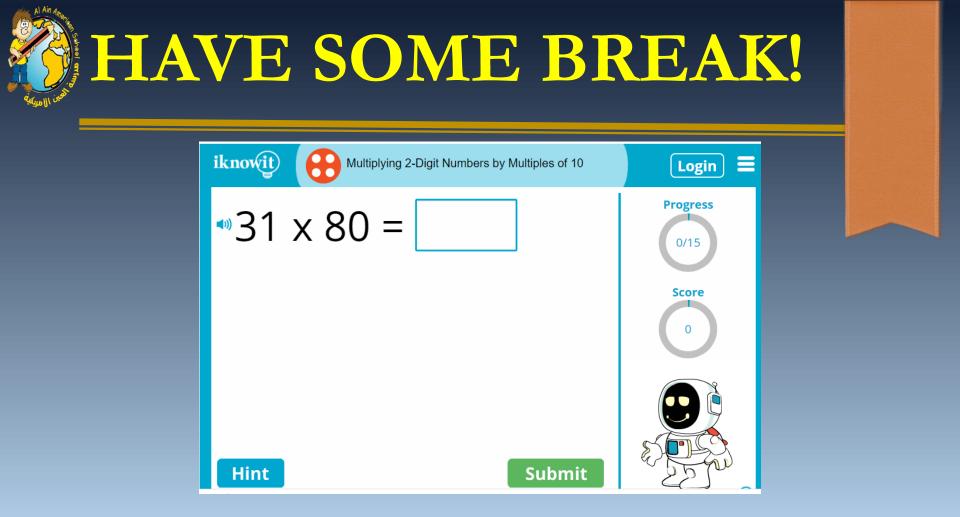
$$= 4 x (6 x 40)$$





Show the Associative Property Way

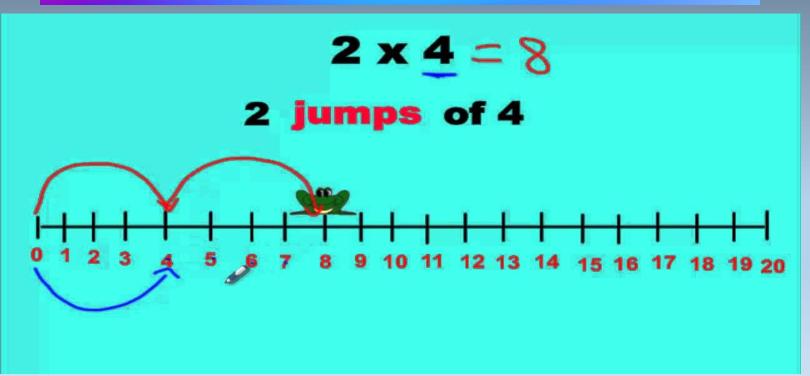


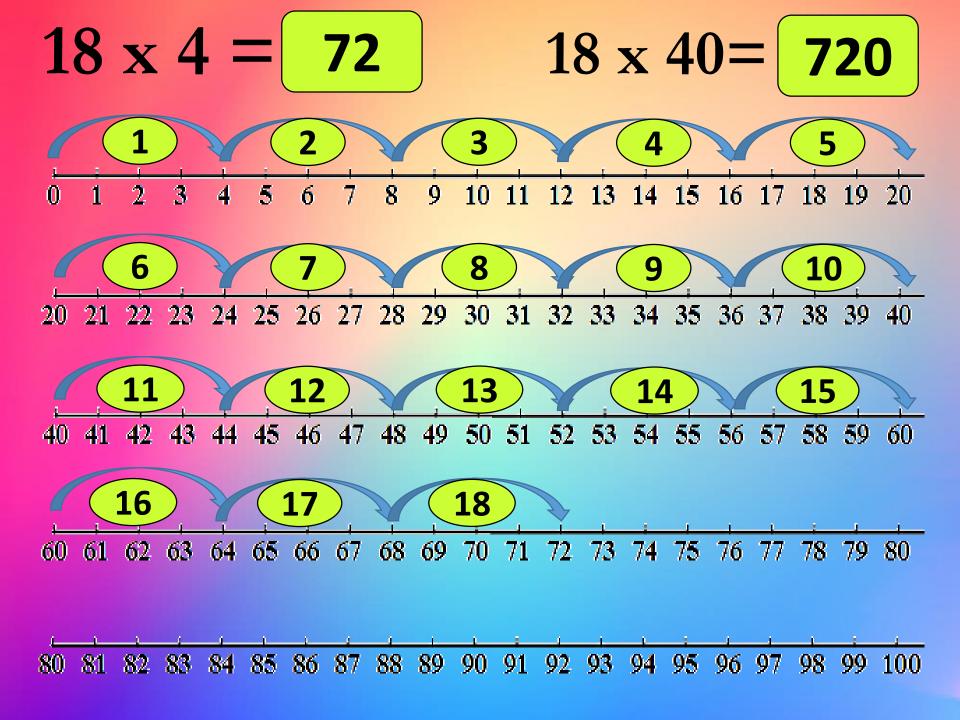


https://www.iknowit.com/lessons/dmultiplying-2-digit-numbers-by-multiplesof-10.html



Number Line Strategy



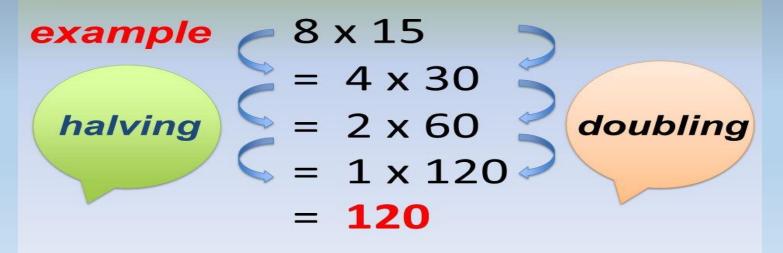




Halving and Doubling Strategy

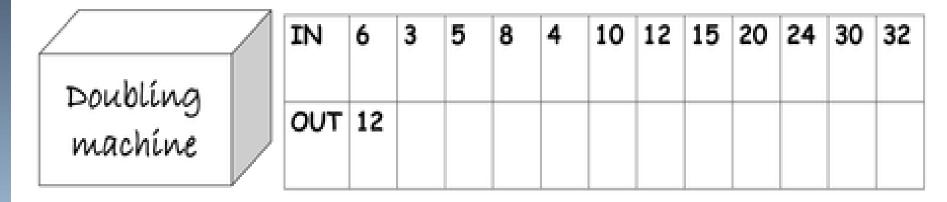
An effective strategy for multiplication

halving and doubling



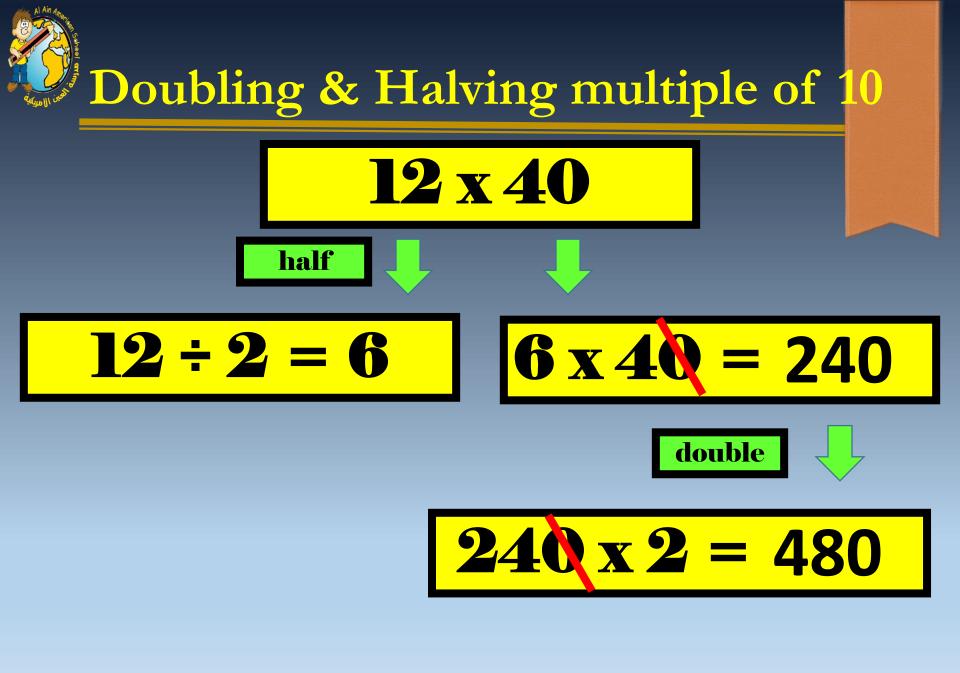


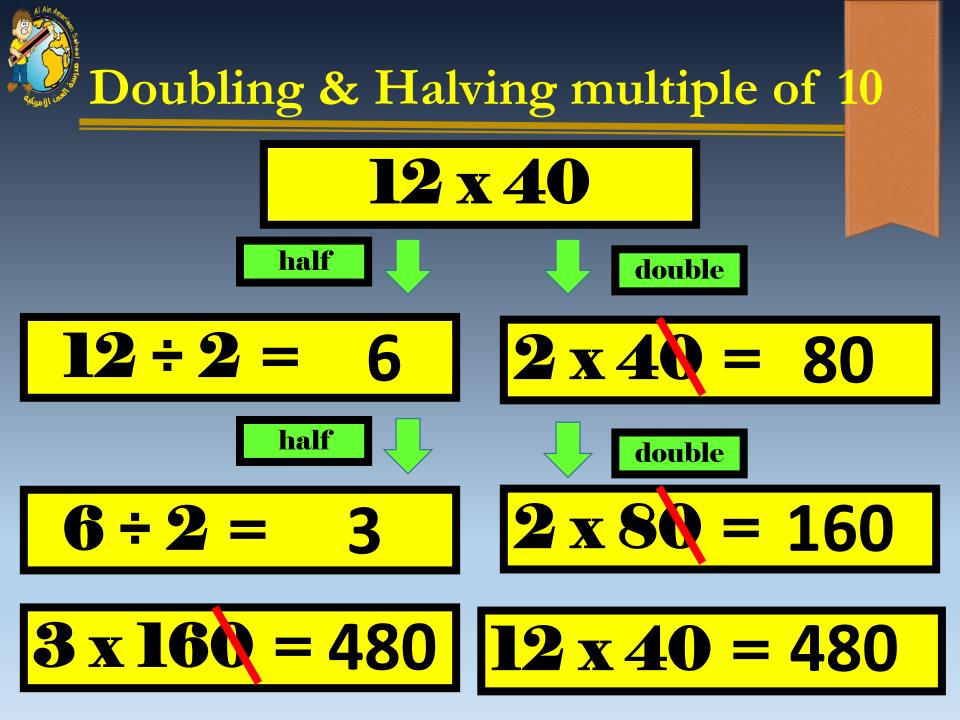
Doubling and halving



Halving machine

I	N	4	10	8	20	16	12	18	24	14	40	44	100
0	UT	2											







oubling and Halving Ц



QUICK FIRE CALCULATION https://www.studyzone.tv/game86-

code3dc5617c60ff2ca509aabc60944162d1



