



# MATH MAGIC



## THE TRICK: PERCENTAGES SHORTCUT

### HOW IT WORKS...

- WHAT IS 40% OF 50?  
 $4 \times 5 = 20$

- WHAT IS 70% OF 90?  
 $7 \times 9 = 63$



### REAL-LIFE EXAMPLE:

IF YOU SEE A PAIR OF SHOES THAT  
YOU WANT AND THEY COST \$60 BUT  
ARE ON SALE FOR 30% OFF, HOW  
MUCH WOULD YOU SAVE?

$$\begin{aligned} 30\% \text{ OF } \$60 &= 3 \times 6 \\ &= \$18 \end{aligned}$$

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HELPFUL  
FOR  
ESTIMATING  
DISCOUNTS