

2-Digit by 2-Digit Multiplication

Use doubling and halving method to multiply.

1) $12 \times 35 = 6 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2) $15 \times 22 = \underline{\hspace{2cm}} \times 11 = \underline{\hspace{2cm}}$

3) $14 \times 25 = \underline{\hspace{2cm}} \times 50 = \underline{\hspace{2cm}}$

4) $45 \times 18 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

5) Art Verse, an art gallery, has 18 paintings on one of its walls. How many paintings are there on the other wall if it is 25 times as many as the first wall?

$18 \times 25 = \underline{\hspace{2cm}}$
 $\div 2$

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6) Sweet Delights bakery bakes 16 cookies for a town. How many cookies does the bakery bake if they bake 45 times as many as the first town?

$16 \times 45 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
 $\div 2$ $\times 2$