

Practice Makes Genius-10 Days of Practice: Area Model Multiplication

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Area Model Multiplication



1. Break up each number into tens and ones

2. Multiply first box $70 \times 4 = 280$		280
3. Multiply second box 8 x 4 = 32	+	32
4. Add the boxes		312









Answer 94 3 Χ 41 9 Х 87 6 Χ Completed by: Score:

Area Model Multiplication



1. Break up each number into tens and ones

2.	Multiply first box 30 x 20 = 600	600
3.	Multiply second box 4 x 20 = 80	80
4.	Multiply third box 30 x 3 = 90	90

- 5. Multiply fourth box $4 \times 3 = 12$ + 12
- 6. Add the boxes



782













Real World Problem

(The answers are in the "Answers" section)

Brandy is planting a vegetable garden that is 24 feet long and 18 feet wide. She wants to find the total area of her garden. How many square feet does Brandy's garden cover?

Hint: The area of a rectangle is needed. Draw a picture if needed to help solve.

Write Equation:



Χ

Completed by:

Score:

Real World Problem

(The answers are in the "Answers" section)

A sports store wants to sell 32 basketball jerseys for \$21 each. How much money will they make if they sell all the jerseys?

Hint: Draw a picture if needed to help solve.

Write Equation:



Х

Completed by:

Score:

Real World Problem

(The answers are in the "Answers" section)

Your school auditorium wants to know how many people they can invite to the school concert. The auditorium has 36 rows of seats, and each row contains 42 seats. How many total seats are in the auditorium?

Hint: Draw a picture if needed to help solve.

Write Equation:



Х

Completed by:

Score:

Practice Makes Genius

Worksheet 1	67 x	3 =	201	Worksheet 2	89 x	5 =	445
	53 x	4 =	212		72 x	3 =	216
	88 x	7 =	616		39 x	6 =	234
Worksheet 3	73 x	8 =	584	Worksheet 4	94 x	3 =	282
	54 x	9 =	486		41 x	9 =	369
	48 x	4 =	192		87 x	6 =	522
Worksheet 5	62 x	15 =	930	Worksheet 6	24 x	16 =	384
	74 x	23 =	1,702		64 x	62 =	3,968
	69 x	34 =	2,346		88 x	65 =	5,720
Worksheet 7	87 x	23 =	2,001	Worksheet 8	44 x	43 =	1,892
	75 x	14 =	1,050		15 x	11 =	165
	54 x	35 =	1,890		89 x	34 =	3,026
Worksheet 9	33 x	32 =	1,056	Worksheet 10	25 x	13 =	325
	92 x	14 =	1,288		55 x	22 =	1,210
	85 x	21 =	1,785		83 x	12 =	996
Real World Problem 1 24 x 18 =		432					
Real World Problem 2 $32 \times 21 =$			672				
Real World Problem 3 $36 \times 42 =$			1.512				