Math Practice - Grade 5

M3 Multi digit whole number multiplication and division - Area model

M3 5.NBT.B.5, 5.NBT.B.6

Name: _____ Date: _____

Write the partial product in each part of the area model. Add them to find the total.

Example: Write the partial product in each part of the area model. Add them to find the total.

How: Split both numbers into tens and ones. Each rectangle is one partial product: tens by tens, tens by ones, and so on.

	40	4
10	400	40
1	40	4

Total: 484

1

	30	4
70		
3		

Total: _____

2

	10	4
60		
8		

Total: _____

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How: Split both numbers into tens and ones. Each rectangle is one partial product: tens by tens, tens by ones, and so on.

	70	9
70	4900	630
8	560	72

Total: 6162

1

	80	8
90		
7		

Total: _____

2

	50	9
40		
9		

Total: _____

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Name: _____ Date: _____

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Example: Write the partial product in each part of the area model. Add them to find the total.

How: Split both numbers into tens and ones. Each rectangle is one partial product: tens by tens, tens by ones, and so on.

	70	6
40	2800	240
4	280	24

Total: 3344

1

	30	1
70		
4		

Total: _____

2

	20	5
40		
8		

Total: _____