

Name: \_\_\_\_\_

5<sup>th</sup> grade APTT

Date: \_\_\_\_\_

Solve these problems and tell how you solved them.

Problem	Solution	I just knew	I can only use one strategy	I can use two strategies	Strategy	Strategy
$14 \times 18 = \square$		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
$\square = 39 \times 39$		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

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Solve these problems and tell how you solved them.

Problem	Solution	I just knew	I can only use one strategy	I can use two strategies	Strategy	Strategy
$754 \times 62 = \square$		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
$\square = 340 \times 33$		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

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State whether the problems below are true or false and explain your answer.

Problem	True or False?	Explain
$325 \times 13 = (300 \times 20 \times 5) \times (10 \times 3)$	True or False	
$646 \times 3 = (2 \times 646) + 646$	True or False	

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Connie has 15 bags of cookies. There are 42 cookies in each bag. How many cookies does Connie have altogether?

Equation with solution	Show your work	Explain/Justify in words how you got your answer

Steve is opening a bakery. His first large order consists of 210 boxes of doughnuts. Each box can hold 12 doughnuts. How many cupcakes does Steve need to bake and decorate for his first large order?

Equation with solution	Show your work	Explain/Justify in words how you got your answer

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**RUBRIC****Problems 1-4**

Problem	Accurate (+1)	Used one correct strategy (+1) No strategy (+0)	Used two correct strategies (+2)	Points total for problem (out of 3)
1				
2				
3				
4				

**TRUE/FALSE Q's**

Problem	Accurate (+1)	Explanation makes sense and used reasoning (+2) Explanation just stated the product for each side correctly (+1) No/incorrect explanation (+0)	Points total for problem (out of 3)
1			
2			

**Word Problems**

Problem	Accurate (+1)	Work shown correctly (+1)	Explanation makes sense and used reasoning (+2) Explanation just stated the process with no reasoning (+1) No/incorrect explanation (+0)	Points total for problem (out of 4)
1				
2				

Points total \_\_\_\_\_ out of 26