Name: _____   4th 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
___ x ___ = ☐		○	○	○		
☐ = ___ x ___		○	○	○		

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

Problem	True or False?	Explain
___ X ___ = *Choose an equation that can be solved using reasoning with explanation (ex: partial products, estimating, etc.)	True or False	
___ X ___ = **Choose an equation that can be solved using reasoning with explanation (ex: partial products, estimating, etc.)	True or False	

Connie has __ bags of cookies. There are __ 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 ___ boxes of doughnuts. Each box can hold __ 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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Problems 1-4

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

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 20