

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

3<sup>rd</sup> grade APTT Fall

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
1. $6 \times 5 = \square$		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
2. $\square = 4 \times 10$		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

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3. $6 \times \square = 60$		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
4. $\square = 8 \times 2$		<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
1.  $0 + 9 = 0 \times 9$	True or False	
2.  $23 \times 1 = 23$	True or False	



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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	(30)			
2	(40)			
3	(10)			
4	(16)			

Total: \_\_\_\_\_/12 points

**TRUE/FALSE Questions**

Problem	Accurate (+1)	Explanation makes sense and used reasoning (+2) Explanation just stated the correct products (+1) No/incorrect explanation (+0)	Points total for problem (out of 3)
1	(False)		
2	(True)		

Total: \_\_\_\_\_/6 points

**Word Problems**

Problem	Accurate (+1)	<b>Problem 1 &amp; 2:</b> Work shown correctly (+1) <b>Problem 2:</b> Includes more than 1 correct equation (additional +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
1	(15)			(out of 4 points)
2	(6)			(out of 5 points)

Total: \_\_\_\_\_/9 points

Points total \_\_\_\_\_ out of 27