

Name: _____

3rd 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	

Please solve the problem below, show your work and explain.

1. Connie's grandma puts 5 cookies in a bag. She gives Connie 3 bags. How many cookies does Connie have?
2. There are 2 birds sitting on a fence, 2 more birds land next to them, then 2 more birds land on the fence. How many birds are on the fence? Write all possible equations.

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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)	Problem 1 & 2: Work shown correctly (+1) Problem 2: 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