

Element	Assessment	
	Self	Teacher's
<i>Understanding the Problem</i>		
1. The problem is clearly defined by being restated.	<input type="checkbox"/>	<input type="checkbox"/>
2. Given information is identified.	<input type="checkbox"/>	<input type="checkbox"/>
3. Information that must be assumed is listed.	<input type="checkbox"/>	<input type="checkbox"/>
4. Information that must be obtained is listed.	<input type="checkbox"/>	<input type="checkbox"/>
5. Where appropriate, a clear diagram is drawn that shows the important elements of the problem.	<input type="checkbox"/>	<input type="checkbox"/>
<i>Solving the Problem</i>		
6. The algebraic formula(s) for this problem are listed.	<input type="checkbox"/>	<input type="checkbox"/>
7. The formula(s) are rearranged correctly to solve for the unknown quantity.	<input type="checkbox"/>	<input type="checkbox"/>
8. Arithmetic operations are used accurately.	<input type="checkbox"/>	<input type="checkbox"/>
9. All values are labelled.	<input type="checkbox"/>	<input type="checkbox"/>
10. Reasoning can be followed easily by the sequence of arithmetic operations.	<input type="checkbox"/>	<input type="checkbox"/>
11. The answer is correct and labelled correctly.	<input type="checkbox"/>	<input type="checkbox"/>
12. The answer is reasonable according to the assumptions and reasoning used.	<input type="checkbox"/>	<input type="checkbox"/>
<i>Communicating the Result</i>		
13. A clear, concise statement of the problem, the strategy for the solution, and the answer are given. Math vocabulary is used correctly.	<input type="checkbox"/>	<input type="checkbox"/>
14. Where necessary, a labelled diagram is used to support the written statement.	<input type="checkbox"/>	<input type="checkbox"/>

