

The teacher will need to see all of your work. Mark (x) off each one as you use it. Be sure to include the following:

- Pictures, charts, graphs, or t-tables that support your explanation
- A written explanation with detailed sentences
- The equation or number sentence
- The answer (Ask yourself: Is my answer reasonable? Why or why not?)
- The solution in more than one way or related to other situations

Teacher Use Only

Analytical Score:

Understanding **N A P E**

Strategy/Reasoning **N A P E**

Communication **N A P E**

Holistic Score **N A P E**

Name: _____ Grade: _____ Date: _____

Teacher: _____ School: _____

John's Field

John has decided to fix up an old field for his son's horse. The length of the field is 10 meters less than 4 times its width. First, he fenced in the field at a cost of \$4.80 per meter. The total cost was \$1584. He now needs to buy sweet grass seed to plant in the field. The seed costs \$3.98 per bag and covers 460 square meters.

How much money will John have invested in this field?

