

# The ANIE

Name: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_

Problem:

Make your best guess. \_\_\_\_\_

Explain your strategy. \_\_\_\_\_

Show how to solve.

Calculate

Draw a Sketch

Explain your calculation and sketch.

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Give an example of how to use the math in real life.

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Reflect on your thinking.

What was easy?  
What was hard?

What did you learn?

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Domain/Concept: \_\_\_\_\_ Standard/Outcome: \_\_\_\_\_

**Strategy & Reasoning**

**Procedural Skill & Fluency**

**Representation & Communication**

**Concept & Application**

**Total:**

1 2 3 4

1 2 3 4

1 2 3 4

1 2 3 4

1 2 3 4

- makes a reasonable estimate
- uses a grade-appropriate strategy
- explains/justifies strategy

- uses a grade-appropriate procedure
- carries out procedure efficiently and accurately

- represents the math accurately
- explains and provides support
- communicates clearly using mathematical language

- applies the concept to real life accurately
- demonstrates understanding of concept

**Notes**

