

## Using Higher Thinking Skills in Math

Name \_\_\_\_\_ Date \_\_\_\_\_

To the right, mark A = Always, M = Most of the time, S = Sometimes, and N = Never.  
 On the blanks to the left, mark "+" for strengths and "-" for areas that need improvement.

**Communicates math: reads, writes, speaks, listens well.**

**A M S N**

- \_\_\_ Understands written math information.
- \_\_\_ Completes written math work carefully.
- \_\_\_ Listens and learns from math discussions.
- \_\_\_ Participates effectively in math discussions.
- \_\_\_ Presents math information clearly and in order.
- \_\_\_ Accepts and learns from math feedback.

**Reasons in math: uses logical and reasonable thinking.**

**A M S N**

- \_\_\_ Uses common sense and sound reasoning in math.
- \_\_\_ Explains why approaches used were appropriate.
- \_\_\_ Uses math knowledge/skills to explain/create patterns.
- \_\_\_ Predicts, estimates, and evaluates answers.
- \_\_\_ Shows thinking with examples, research, and solutions.

**Connects math: uses math in school and in life.**

**A M S N**

- \_\_\_ Connects math skills to math knowledge.
- \_\_\_ Connects math to reading and writing.
- \_\_\_ Connects math to social studies and science.
- \_\_\_ Connects math to music, art, and physical education.
- \_\_\_ Connects/applies math to real life.

**Represents math: displays math in many ways.**

**A M S N**

- \_\_\_ Uses a variety of ways to display math.
- \_\_\_ Select method(s) for approaching and solving problems.
- \_\_\_ Interprets graphs, charts, and tables.
- \_\_\_ Uses technology to display and interpret data.

Comments:

