

Name: _____ Date: _____

m_r^β **Math Unplugged Handout #1: Mathematical Messages**

Mathematics teaches us how to solve puzzles. Everyone knows that it is easy to do a puzzle if someone has told you the answer. That is simply a test of memory. You can claim to be a mathematician only if you can solve puzzles that you have never studied before. That is the test of reasoning. –W.W. Sawyer

The puzzles below are messages. Can you figure out what they mean?

1. A A , B

A A A , C

A A A A , D

A A A A A , E

A A A A A A , F

A A A A A A A , G

A A A A A A A A , H

A A A A A A A A A , I

2. A J A K B

A J A J A K C

A J A J A J A K D

B J A K C

B J B K D

C J D K G

3. C L A K B

D L A K C

G L B K E

4. A J M K A
D J M K D
C L C K M
5. E J E K AM
E J F K AA
AM J AM K BM
CM J B K CB
6. B N C K F
B N E K AM
E N AB K FM
AM N AM K AMM
7. H O B K D
AM O E K B
AMM O BM K E
8. A O AM K PA
A O AMM K PMA
A O B K PE
A O D K PBE
9. C N C K C Q K I
D N D K D Q K AF
AM Q K AMM
10. R AMM K AM
R BE K E
R G Q K G