Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Hour: \_\_\_\_\_\_\_\_\_

**Warm-Up: Combining Representations**

1. Can you decode this binary string?



 What information do you need to decode this string? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Use the Student Record to answer the questions below:



 What grade is the student in? \_\_\_\_\_\_\_\_\_\_\_

 How old is the student? \_\_\_\_\_\_\_\_\_\_\_\_\_

 What is the student’s first initial? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 What is the student’s last initial? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Can you code your grade in binary? 4) Can you code your age in binary?

5) Can you code your initials in binary?