# Compare two decimals by using a visual model,
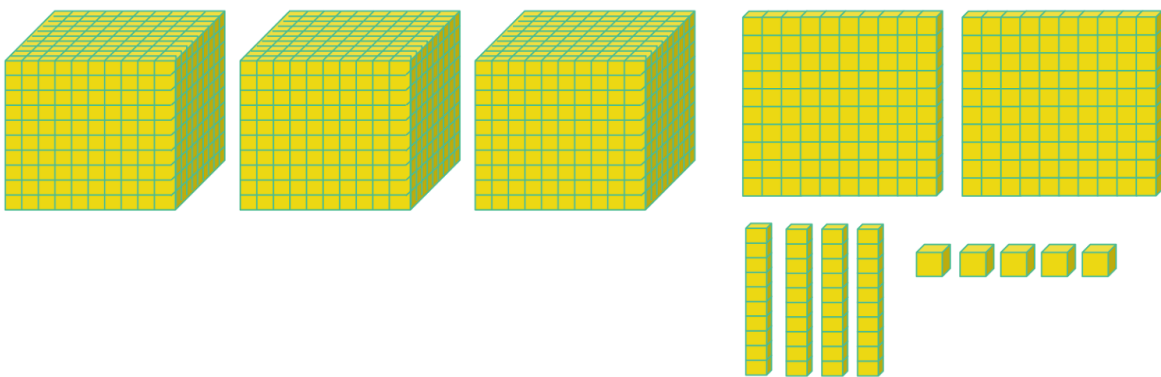
## Practice Set A

Name:

Date:

1. Show how to represent the following decimal numbers using a number grid and base ten blocks.

    a. 2.536

    b. .81

2. What decimal number does the base ten blocks represent?



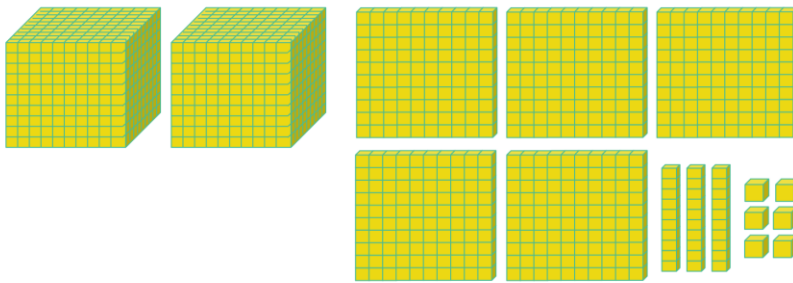    A.  .3245

    B.  3.245

    C.  32.34

D. 3,245

3. Compare the following decimals using base ten blocks or a grid. Use a comparison symbol to describe your solution.

4.237 _____ 4.273

**Compare two decimals by using a visual model, Practice Set A <span style="color:red">Answer Key</span>**

1. Show how to represent the following decimal number using a number grid and base ten blocks.

    a. 2.536



*<span style="color:red">Few examples- students can decompose to create other variations</span>*

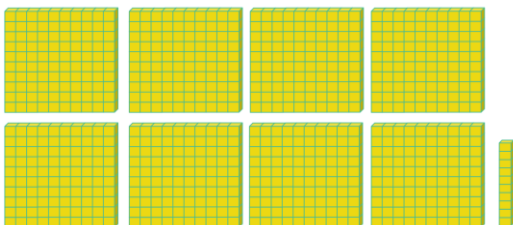*<span style="color:red">2 big cubes, 5 flats, 3 longs and 6 units</span>*

*<span style="color:red">25 flats, 3 longs and 6 units</span>*

*<span style="color:red">25 flats and 36 units</span>*

*<span style="color:red">Thousands grid</span>*

*<span style="color:red">2 complete thousands grids, 536 units shaded in a thousands grid</span>*

    b. .81



*<span style="color:red">8 flats and 1 long</span>*

*<span style="color:red">81 longs</span>*

*Hundreds grid*

*81 units shaded in a hundreds grid*

2. What decimal number does the base ten blocks represent?

\* 3 big cubes, 2 flats, 4 longs and 5 units

    A. .3245
    B. 3.245
    C. 32.34
    D. 3,245

3. Compare the following decimals using base ten blocks or a grid. Use a comparison symbol to describe your solution.

4.237 _____ 4.273

*Students can show 4 big cubes, 2 flats, 3 longs and 7 units or using a thousands grid - 4 completely shaded grids and 237 units shaded in the thousands grid*

*4 big cubes, 2 flats, 7 longs and 3 units or using a thousands grid - 4 completely shaded grids and 273 units shaded in the thousands grid*

*In comparing the two decimal numbers they will see that 4.237 < 4.273*