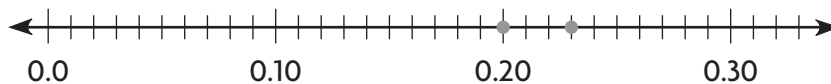# Compare Decimals

Alfie found 0.2 of a dollar and Gemma found 0.23 of a dollar. Which friend found more money?

To compare decimals, you can use a number line.

Step 1 Locate each decimal on a number line.

0.0   0.10   0.20   0.30

Step 2 The number farther to the right is greater.

$0.23 > 0.2$, so __Gemma__ found more money.

To compare decimals, you can compare equal-size parts.

Step 1 Write 0.2 as a decimal in hundredths.

0.2 is 2 tenths, which is equivalent to __20__ hundredths.

$0.2 = $ __0.20__

Step 2 Compare.

23 hundredths _is greater than_ 20 hundredths,
so $0.23 > 0.2$.

So, __Gemma__ found more money.

Compare. Write $<$, $>$, or $=$.

1 0.17 ◯ 0.13   **2** 0.8 ◯ 0.08   **3** 0.36 ◯ 0.63   **4** 0.4 ◯ 0.40

5 0.75 ◯ 0.69   **6** 0.3 ◯ 0.7   **7** 0.45 ◯ 0.37   **8** 0.96 ◯ 0.78