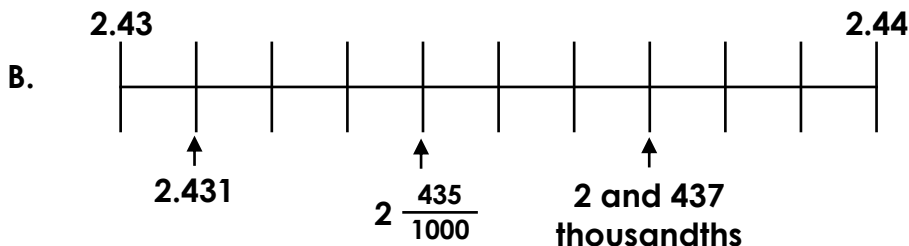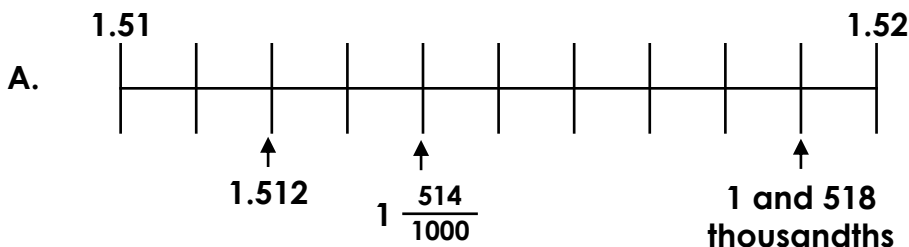# Order and Compare Decimals

1. Circle the number which has been placed incorrectly on each number line below.

A.

1.51 — — — — — — — — — — 1.52

1.512　　$1\frac{514}{1000}$　　1 and 518 thousandths

B.

2.43 — — — — — — — — — — 2.44
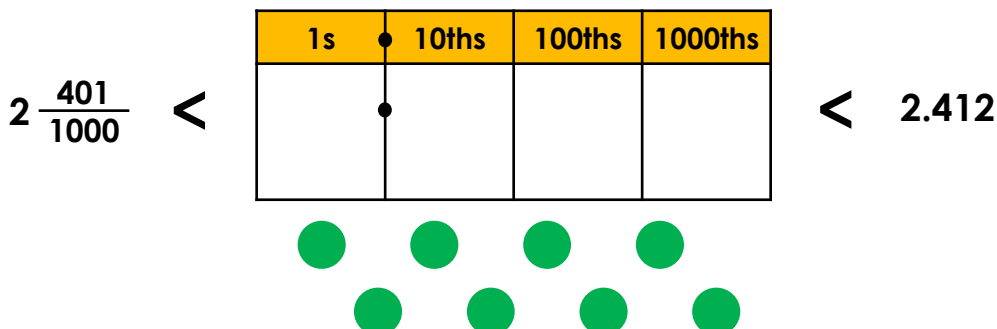
2.431　　$2\frac{435}{1000}$　　2 and 437 thousandths

2. Moving from a smaller to a larger decimal each time, move vertically or horizontally to travel from start to finish on the grid. Shade each box you land on. You'll need to convert the fractions and whole numbers to decimals first.

Start

1.607km	$1\frac{610}{1000}$km	2,098m	2.097km	$1\frac{9}{10}$km
$1\frac{99}{1000}$km	1,601m	2.112km	$2\frac{3}{10}$km	2.299km
2,980m	1.399km	$2\frac{1}{10}$km	2,450m	$2\frac{501}{1000}$km

Finish

3. Using all of the counters, Polly thinks that she can make two different numbers on the place value chart below so that the comparison statement is correct.

$2\frac{401}{1000}$ <

1s	10ths	100ths	1000ths

< 2.412

Is she correct? Prove it.