Name: .... Class: ....

Convert between standard and expanded form

1. Write 700, 000 + 80, 000 + 7, 000 + 900 + 60 + 4 in standard form.

2. Write 663,432 in expanded form

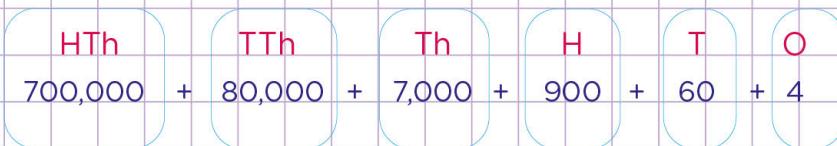Name: .... Class: ....

Convert between standard and expanded form

1. Write 700, 000 + 80, 000 + 7, 000 + 900 + 60 + 4 in standard form.

Let's first of all separate each figure into its place value

HTh		TTh		Th		H		T		O
700,000	+	80,000	+	7,000	+	900	+	60	+	4

Now, let's use a place value chart to place our values.
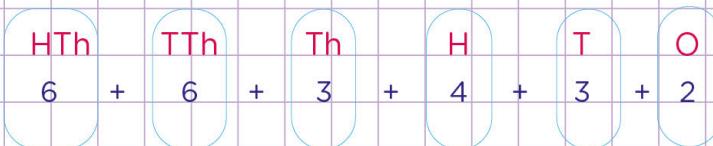
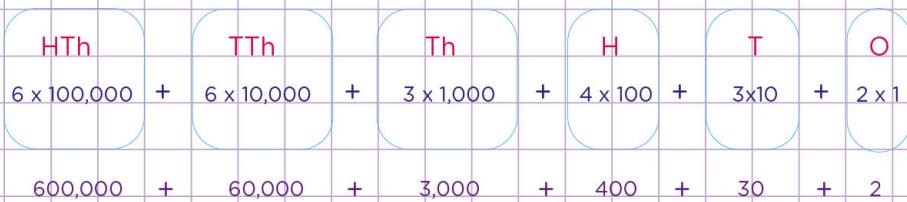| Thousands	Hundreds	Tens	ones
787	9	6	4

So, the number in standard form is **787,964**

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2. Write 663,432 in expanded form

Let's first of all use a plus sign to separate each figure into its place value.

HTh		TTh		Th		H		T		O
6	+	6	+	3	+	4	+	3	+	2

Now, let's multiply each digit by its corresponding place value

HTh		TTh		Th		H		T		O
6 x 100,000	+	6 x 10,000	+	3 x 1,000	+	4 x 100	+	3x10	+	2 x 1
600,000	+	60,000	+	3,000	+	400	+	30	+	2

So, 663,432 in expanded form = 600,000 + 60,000 + 3,000 + 400 + 30 + 2