

LEGO® Education MoreToMath
Enrichment Activity
Thanksgiving MoreToMath

Think about the problems we did about Thanksgiving. Now we are going to do some problems around three digit numbers.

Let's make our base Plate ready for three digit numbers.

Add column to base plate and add an orange cone to the strip.

Orange	Green	White
100	10	1

Practice making 2 three-digit numbers: 225, 145

Let's write this in expanded form:

$$200 + 20 + 5 = 225$$

$$100 + 40 + 5 = 145$$

1) Build the number 321 on the LEGO base plate.
Write this number in expanded form.

2) Build the number 243 on the LEGO base plate. Write this number in expanded form.

Let's go Shopping!

Use the key below. Work with a partner to add your base plate totals together.

100 (orange)	10 (lime green)	1 (red)
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 <p>for four people</p>		 <p>Card</p>
	 <p>for one person</p>	 <p>for one person</p>
 <p>graphics factory</p>		
 <p>graphics factory</p>	 <p>graphics factory</p>	
		

1) Kayla want to get a new outfit for the Thanksgiving dinner. She will need a shirt, a skirt, a hat and a coat. How much will she have to have to get everything she needs? Model your purchase on the LEGO Base Plate and complete the data chart.

Item	100	10	1

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Totals _____ + _____ + _____ =

2) The class has raised money to buy things for people in need at Thanksgiving. They want to buy the following things:

2 coats, 2 boys shirts, 2 girls shirts, 2 pair of shoes, 3 hats, and 1 purse. Build a model that shows how much they need. Complete the data chart and show your solution.

Item	How many?	100	10	1

_____ + _____ +
 _____ =
