**Addition with regrouping / renaming**

You can use lego pieces or lollipop sticks to help explain tens and units

1 piece of lego is a unit

10 pieces of lego stuck together in a tower is a ten

Or

1 lollipop stick is a unit

10 lollipop sticks tied together with an elastic band is a ten

Example 1:

T U

2 6

+1 7

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* We always start our addition on the units side
* So 6 + 7 makes 13 units

But we can’t have 13 units so we need to regroup the 13

units to make 1 Ten and 3 Units

* We write down the 3 under the units side and ‘carry’ the 1 new ten over to the Tens side (shown in red)

T U

2 6

+11 7

\_\_\_3\_

* Then we add all of the tens together to get our tens answer (shown in blue)

2 + 1 + 1 = 4 tens

T U

2 6

+11 7

\_4\_ 3\_

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Example 2:

T U

2 7

+2 5

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* We always start our addition on the units side
* So 7 + 5 makes 12 units

But we can’t have 12 units so we need to regroup the 12

units to make 1 Ten and 2 Units

* We write down the 2 under the units side and ‘carry’ the 1 new ten over to the Tens side (shown in red)

T U

2 7

+21 5

\_\_\_ 2\_

* Then we add all of the tens together to get our tens answer (shown in blue)

2 + 2 + 1 = 5 tens

T U

2 7

+21 5

\_5\_ 2\_

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Example 3:

T U

2 7

+3 3

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* We always start our addition on the units side
* So 7 + 3 makes 10 units

But we can’t have 10 units so we need to regroup the 10

units to make 1 Ten and 0 Units

* We write down the 0 under the units side and ‘carry’ the 1 new ten over to the Tens side (shown in red)

T U

2 7

+31 3

\_\_\_ 0\_

* Then we add all of the tens together to get our tens answer (shown in blue)

2 + 3 + 1 = 6 tens

T U

2 7

+31 3

\_6\_ 0\_