Numeracy Gr 3 Dec 7

Activity 1: Regrouping Using Base 10 Blocks

Materials Needed:

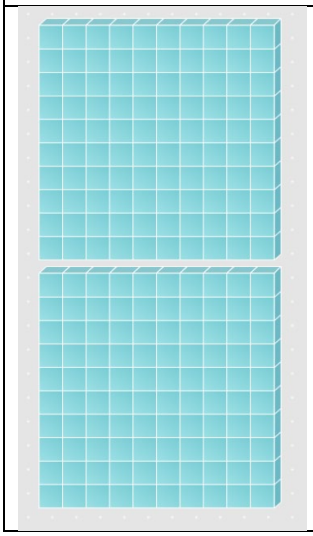
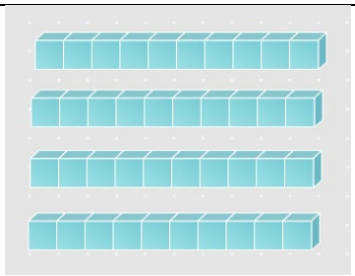
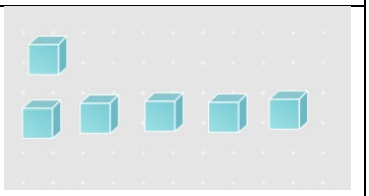
- base 10 blocks, or print from below, or use these virtual manipulatives.

Task Instructions:

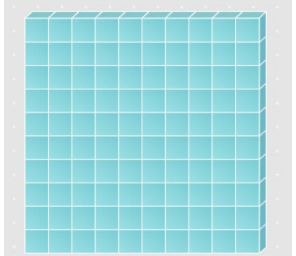
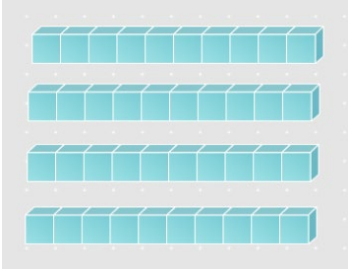
Have your child use the base 10 blocks (either real ones if you have them, or cut out from the templates below—make 2-3 copies of each sheet on cardstock, or use the on-line base 10 blocks linked above).

1. Model subtraction and regrouping using the base 10 blocks:
   Example: 246-167

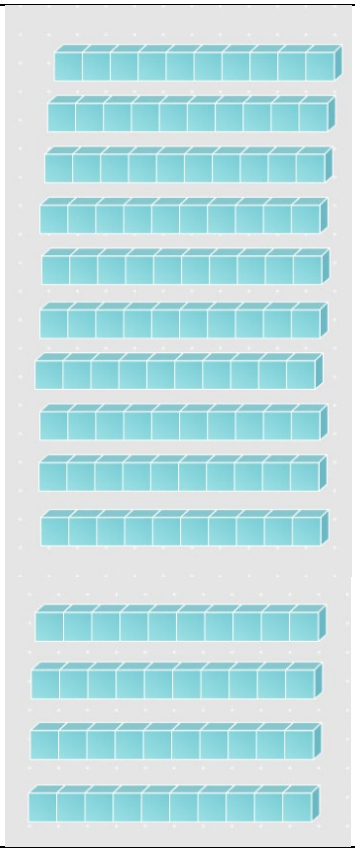
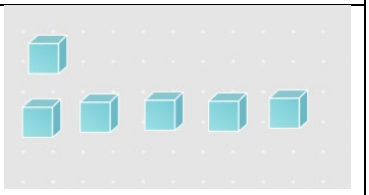
Make 246

Hundreds	Tens	Ones
		

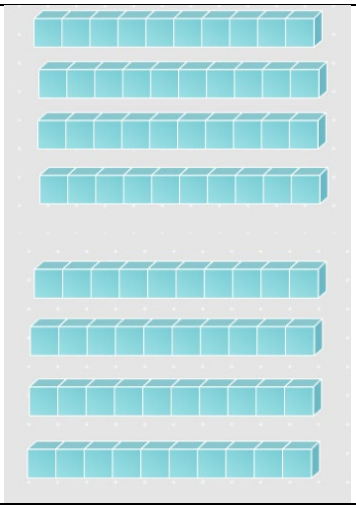
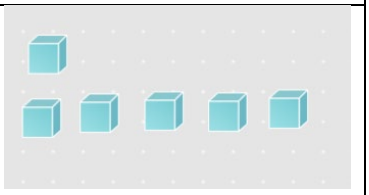
Subtract 100

Hundreds	Tens	Ones
		

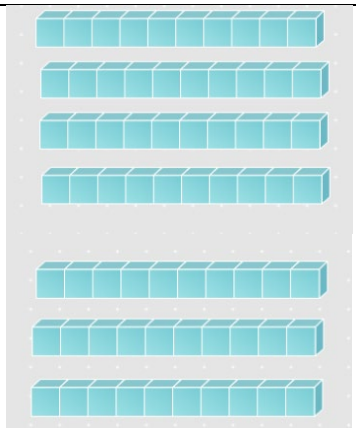
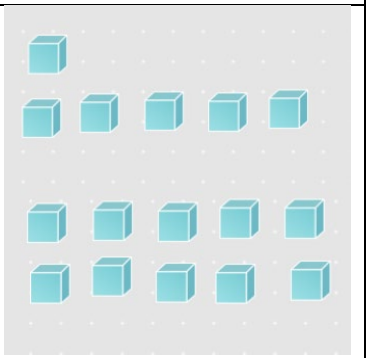
Next, we need to subtract the 6 tens , but there are only 4 tens. So we must take the hundred, and break it into 10 tens to place in the tens column.

Hundreds	Tens	Ones
		

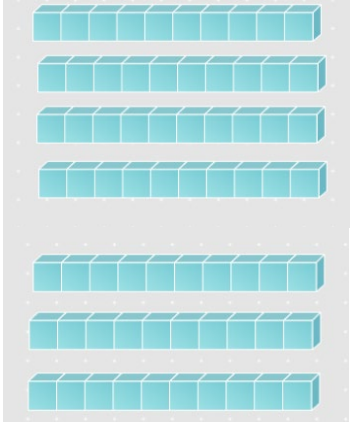
Take away 6 tens now.

Hundreds	Tens	Ones
		

Now we need to take away 7 ones. However, there are only 6 ones, so we must take one of the tens and break it into 10 ones to place in the ones column.

Hundreds	Tens	Ones
		

Now subtract 7 ones to find the answer:

Hundreds	Tens	Ones
		

The answer is: 79

Try the following questions, using the chart and the base 10 blocks:

246 – 132 =

722 – 488 =

578 – 223 =

231 – 174 =

625 – 314 =

677 – 389 =

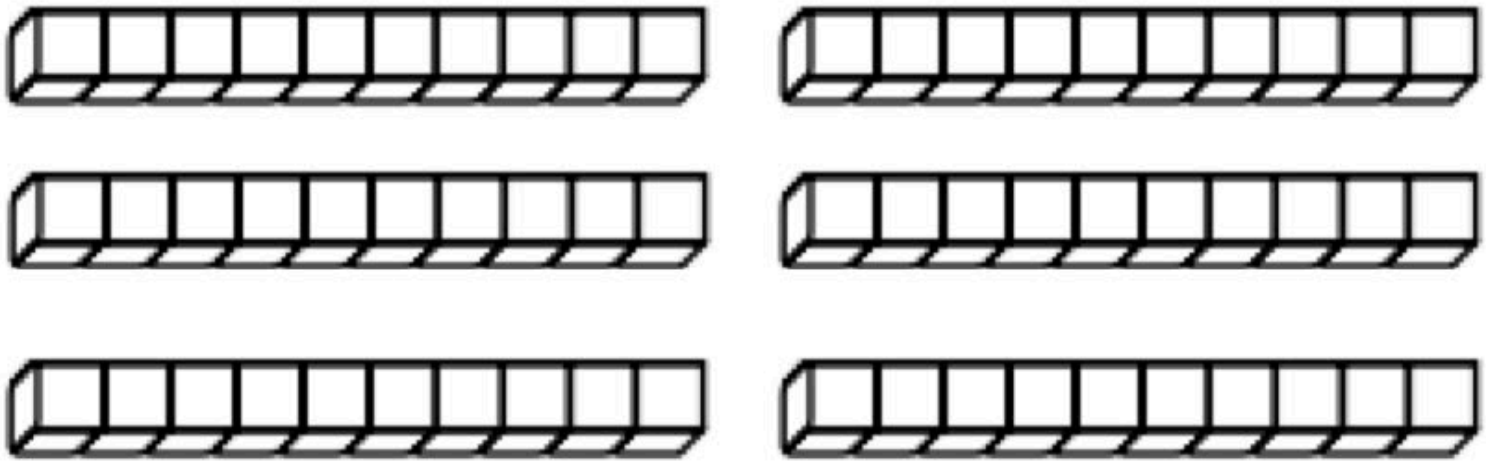
795 – 540 =

916 – 56 =

Parent Tips: Use dice to generate more numbers to practice subtraction. Take a look here: youtube.com/watch?v=vyxPCV8hnHs

USE THIS CHART WITH THE BASE 10 BLOCKS BELOW

Hundreds	Tens	Ones



Base Ten Blocks Template

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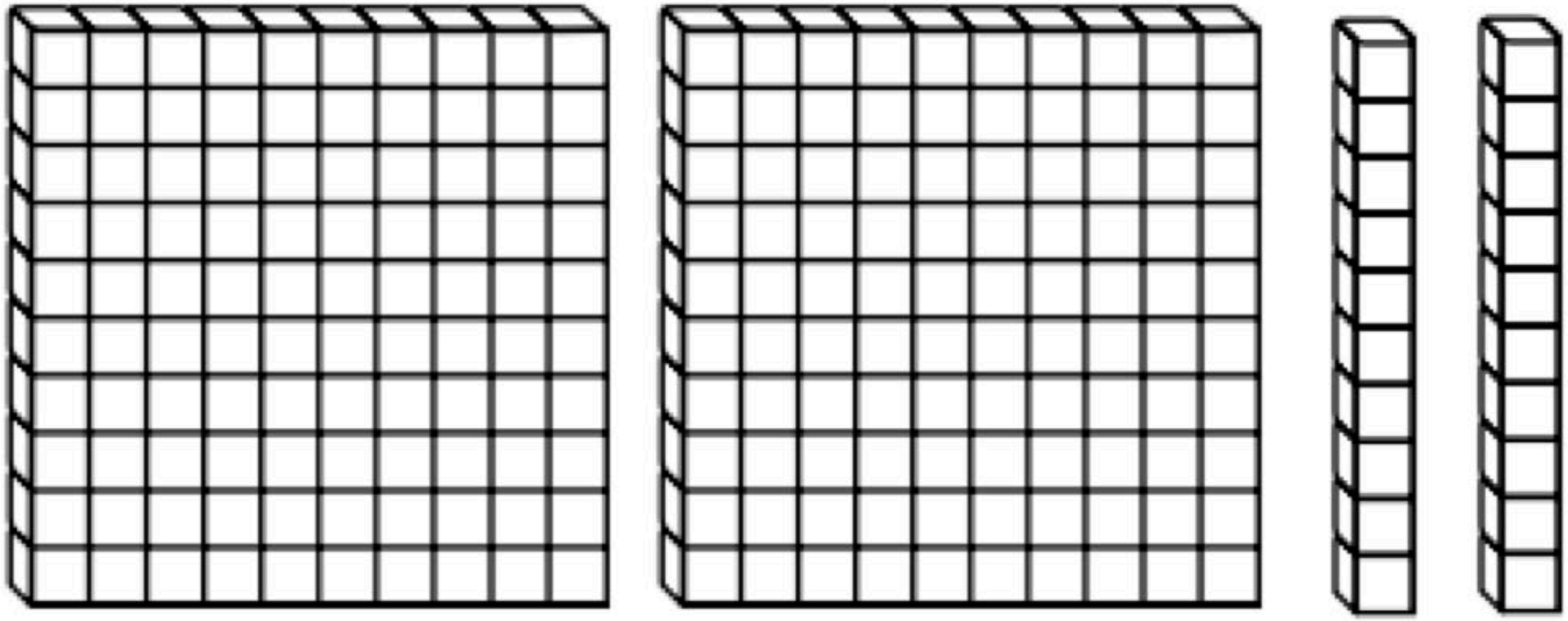
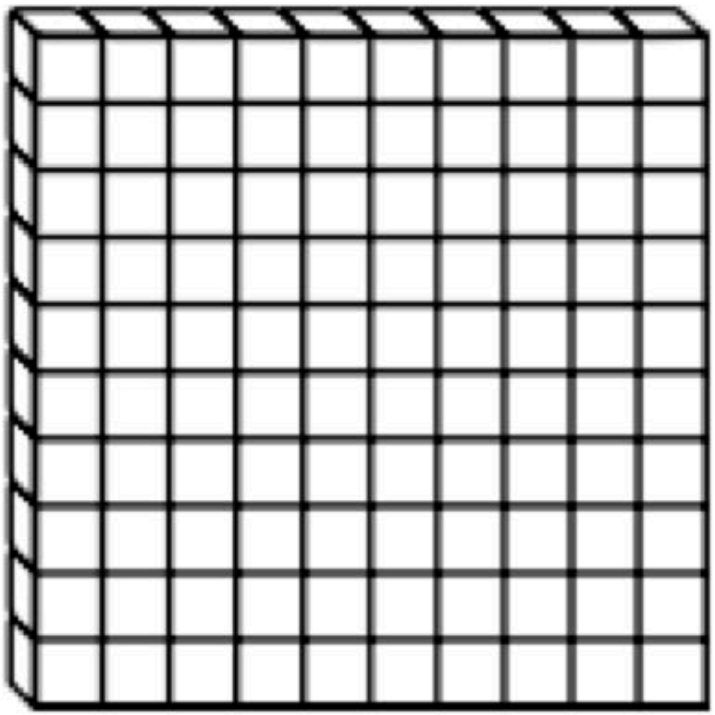
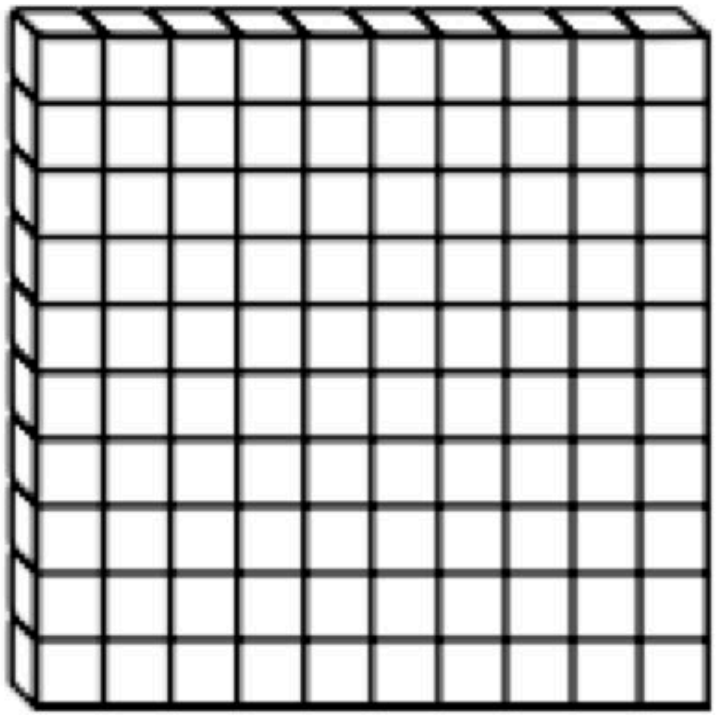
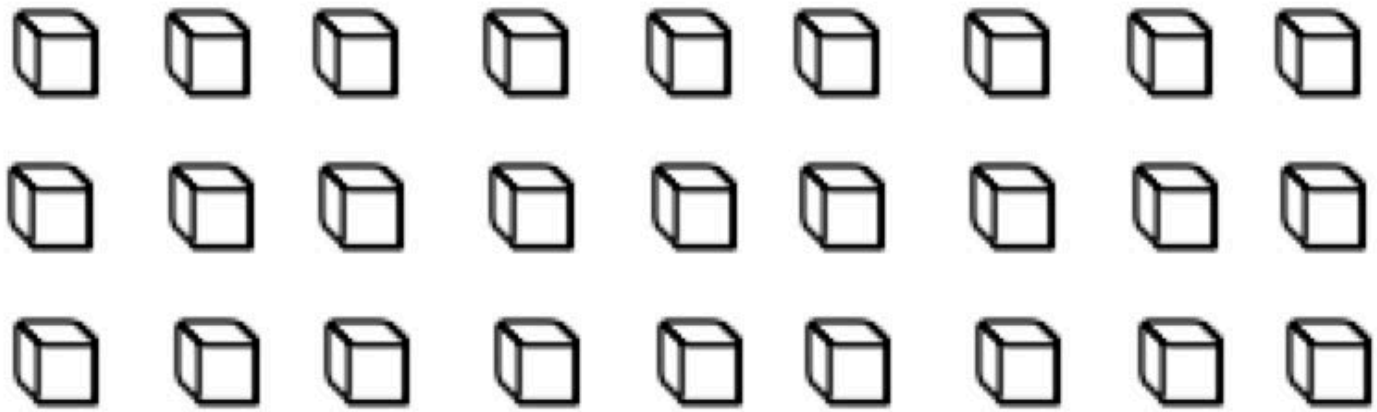






Base Ten Blocks Template

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