## Addition with Regrouping

## Making bundles of ten

Give your child a collection of items that are only partly grouped in tens, for example, two bundles of 10 lollipop sticks and 12 lollipop sticks. You may prefer to use cubes/acorns/shells/counters or anything that you have to hand. Invite your child to count the lollipop sticks. S/he may use different strategies to arrive at 32. Do this with different numbers, for example: 22 + 14, 32 + 16. Discuss the different strategies with your child and then decide on what the best/most effective strategy is.

## Let's regroup 1!

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Say to your child: I have eight cubes/1c coins, etc. I am now going to add four more cubes/coins. How many cubes/coins have I now? (Yes! 12.) What can we swap the 12 units for? (Yes! One group of ten and two units.) Discuss the value of the two different digits in the answer. Ask: What is the value of the 1? (Yes! 10.) What is the value of the 2? (Yes! Two units.) Extension: Invite your child to solve other problems involving addition of two one-digit numbers, for

example, 7 + 6, 9 + 5, 8 + 7, etc.

## Let's regroup 2!

Display two groups of 10 and eight units using cubes or any other materials you may have and say: I am now going to add one 10 and eight units to the 28. W How many cubes have I now? We can't have 16 units in the units' place so we must regroup 16 units for one 10 and six units.

The ten goes with its friends in the tens' place. How many units have we now? (Yes! Six.) How many groups of 10 have we now?( Yes! Four.) Discuss the value of the digits. What is the value of the 4? (Yes! 40.) What is the value of the 6? (Yes! Six units.) Extension: Ask your child to solve other problems involving the addition of two two-digit numbers where there is regrouping involved, as above.

