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LESSON 7-3

Use Partial Sums to Add

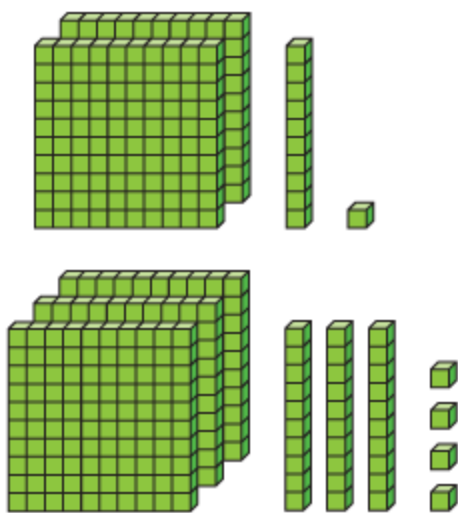
 [MA.3.NSO.2.1](#), [MA.3.AR.1.2](#), [MTR.2.1](#), [MTR.4.1](#), [MTR.5.1](#)

For more help with this lesson, view the [Visual Learning Animation](#) or the [Another Look Video](#).

MATH HELP AT HOME

Sample Additional Practice Exercise 1

Estimate each sum. Use place-value blocks and partial sums to add.



$$\begin{array}{r} 211 \\ + 334 \\ \hline \end{array}$$

500

40

$$\begin{array}{r} + 5 \\ \hline \end{array}$$

545

Estimate: $200 + 300 = 500$

To estimate, round each number to the nearest 100 then add. Round 211 to 200, round 334 to 300, and add $200 + 300 = 500$.

To add, use partial sums.

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 $00 = 500$.

Add tens: $10 + 30 = 40$.

Add ones: $1 + 4 = 5$.

Add the partial sums: $500 + 40 + 5 = 545$.



HOME ACTIVITY

Shopping Trip

MATERIALS

Sale Flyer, Paper, Pencil

ACTIVITY

Go on a pretend shopping trip with your child. Find two items in a store sale flyer with prices that can be rounded to a 3-digit number. Assist your child with the rounding. For example, a dishwasher is priced at \$485.95 and rounds to \$486. A lawn mower is priced at \$388.88 and rounds to \$389. Ask your child to find the total cost to purchase both the dishwasher and the lawn mower. Have your child describe their method for finding the sum $486 + 389$. They may choose to use partial sums: $400 + 300 = 700$, $80 + 80 = 160$, $6 + 9 = 15$, then the sum is $700 + 160 + 15 = 875$. The two items would cost about \$875. Choose other items in the flyer to use to help your child practice adding 3-digit numbers.