

Topic 07 / Lesson 1 ▼

LESSON 7-1

Mental Math: Addition

 [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

Find each sum.

$$624 + 171 = \underline{795}$$

$$171 = 100 + 70 + \underline{1}$$

$$624 + 100 = \underline{724}$$

$$724 + 70 = \underline{794}$$

$$794 + 1 = \underline{795}$$

Break 171 into parts: $100 + 70 + 1$. Then add each part, one at a time: $624 + 100 = 724$, then $724 + 70 = 794$, then $794 + 1 = 795$.

Processing math: 100%

HOME ACTIVITY

Number Cube Addition

MATERIALS

Number Cube, Paper, Pencil

ACTIVITY

Have your child make a 3-digit number by rolling a number cube 3 times. Record the number on your paper. Now you roll the number cube and ask your child to add your number to theirs. Here is an example: Your child rolls 3, 3, 6, you roll 5, and your child adds $336 + 5 = 341$. You roll the number cube again to make a 2-digit number. If you rolled a 5 the first time and a 4 this time, the 2-digit number will be 54. Ask your child to add $336 + 54 = 390$. You roll the number cube a third time to make a 3-digit number. If you roll a 2, ask your child to add $336 + 542 = 878$. Encourage your child to describe the method they use to find this sum. For this example, your child might use place value, first adding hundreds, then tens, then ones: $336 + 500 = 836$, $836 + 40 = 876$, and $876 + 2 = 878$. Repeat with new rolls of the number cube.

Processing math: 100%