

Modeling with Division

Home Link 2-9

NAME _____

DATE _____

TIME _____

Family Note Today your child solved equal-sharing number stories. Sometimes when we share or divide a quantity, there are parts left over, or remainders. Your child practiced recording division number models with remainders. For example, 10 marbles shared 3 ways could be recorded as $10 \div 3 \rightarrow 3 \text{ R } 1$, which can be read as “10 divided by 3 gives us 3 with a remainder of 1.” Help your child solve the problems below. You may want to use counters, such as coins or dry pasta, to act out each story.

Please return this Home Link to school tomorrow.

Draw pictures to show someone at home how you can use division to solve number stories. Write a number model for each story.



- ① Jamal gives 24 marbles to 4 friends. Each friend gets the same number of marbles. How many marbles does each friend get? _____ (unit)
How many marbles are left over? _____ (unit)

Number model: _____

- ② Eliza has 29 flowers to arrange in 5 vases. She puts the same number of flowers in each vase. How many flowers does she put in each vase? _____ (unit)
How many flowers are left over? _____ (unit)

Number model: _____

- ③ A sheet of stamps has 46 stamps. A complete row has 10 stamps. How many complete rows are there? _____ (unit)
How many stamps are left over? _____ (unit)

Number model: _____