

# Division Number Stories


**Family Note**

Today your child solved division number stories about equal sharing and equal groups. The diagram used for multiplication can also be used for division number stories to identify known and unknown information. Your child will write a number model for each problem below. A number model is the symbolic representation of a number story. For example, in Problem 1, the number model is  $18 \div 3 \rightarrow 6 R0$ . This model is read as *18 divided by 3 gives 6, remainder 0*. An arrow is used instead of an equals (=) sign because the result of a division problem can be two whole numbers: the quotient and remainder.

*Please return this Home Link to school tomorrow.*



Show someone at home how to solve these division stories. Use counters or draw pictures or diagrams to help you.

- 1.** Our group needs 18 pens. There are 3 pens in each package. How many packages must we buy?

<b>packages</b>	<b>pens per package</b>	<b>pens in all</b>

Answer: \_\_\_\_\_ packages

Number model: \_\_\_\_\_  $\div$  \_\_\_\_\_  $\rightarrow$  \_\_\_\_\_ R\_\_\_\_\_

- 2.** Four children are playing a game with 25 cards. How many cards can the dealer give each player?

<b>children</b>	<b>cards per child</b>	<b>cards in all</b>

Answer: \_\_\_\_\_ cards

Number model: \_\_\_\_\_  $\div$  \_\_\_\_\_  $\rightarrow$  \_\_\_\_\_ R\_\_\_\_\_

- 3.** Make up and solve a division story on the back of this sheet.