Math in Focus

SCHOOL to HOME Connections

Chapter 4 Using Bar Models: Addition and Subtraction

Dear Family,

In this chapter, your child will learn to use bar models to solve addition and subtraction problems.
Some of the models they will use are:

- addition models for joining sets
- subtraction models for taking away sets
- comparison models for comparing sets

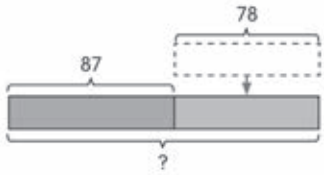
Activity Solve Using Bar Models

Drawing bar models is an important math skill that makes it easier for children to visualize and solve complicated problems. Help your child practice by asking him or her to draw bar models for the following addition and subtraction stories and explain each model to you.

- Joe's mother makes 12 pancakes. Joe eats 4 pancakes. How many pancakes are left?
- Rachel's mother makes 12 pancakes. If Rachel eats some pancakes and 7 pancakes are left, how many pancakes did Rachel eat?
- Anna makes 20 pancakes. Carol makes 12 pancakes. Who makes more pancakes? How many more?
- Karen makes 9 fewer pancakes than Tony. Karen makes 15 pancakes. How many pancakes does Tony make?

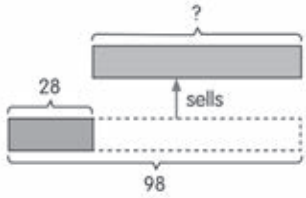
Vocabulary to Practice

Addition Model:



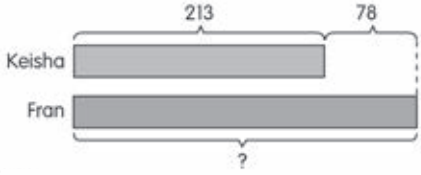
87 + 78 = 165

Subtraction Model:



98 – 28 = 70

Comparison Model:



213 + 78 = 291

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Math in Focus

Conexiones entre ESCUELA Y CASA

Capítulo 4 Uso de modelos de barra: suma y resta

Estimada familia:

En este capítulo, su hijo aprenderá a usar modelos de barra para resolver problemas de suma y resta.
Algunos de los modelos que usará son:

- modelos de suma para unir conjuntos
- modelos de resta para separar conjuntos
- modelos de comparación para comparar conjuntos

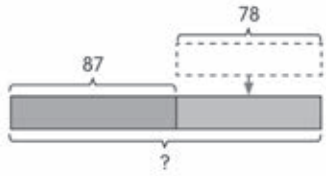
Actividad Uso de modelos de barra para resolver problemas

El dibujo de modelos de barra es una destreza de matemáticas importante que ayuda al niño a visualizar y a resolver problemas complicados. Ayude a practicar a su hijo pidiéndole que dibuje modelos de barra para los siguientes casos de suma y resta, y que le explique cada modelo.

- La mamá de Joe hizo 12 panqueques. Joe se comió 4 panqueques. ¿Cuántos panqueques sobraron?
- La mamá de Rachel hizo 12 panqueques. Si Rachel se come algunos panqueques y sobran 7, ¿Cuántos panqueques se comió Rachel?
- Anna hizo 20 panqueques. Carol hizo 12 panqueques. ¿Quién hizo más panqueques? ¿Cuántos más?
- Karen hizo 9 panqueques menos que Tony. Karen hizo 15 panqueques. ¿Cuántos panqueques hizo Tony?

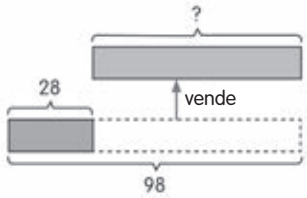
Vocabulario para practicar

Modelo de suma:



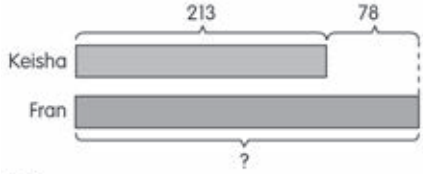
87 + 78 = 165

Modelo de resta:



98 – 28 = 70

Modelo de comparación:



213 + 78 = 291

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