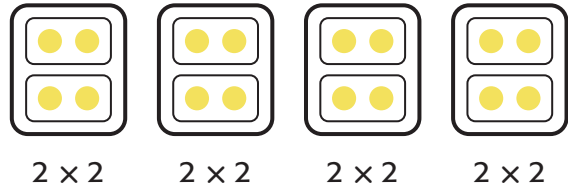# MY Homework

Homework Helper

eHelp

Need help? ⤳ **connectED.mcgraw-hill.com**

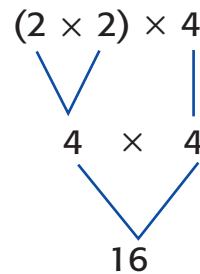**Lois does 2 loads of laundry 2 times each week. How many loads of laundry does Lois do in 4 weeks?**

1 Model (2 × 2) × 4.

2 groups of 2, four times

2 × 2   2 × 2   2 × 2   2 × 2

2 Multiply the factors inside the parentheses first.

$(2 \times 2) \times 4$

4   ×   4

16

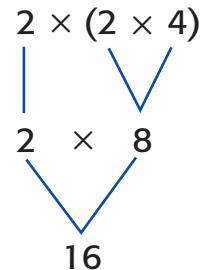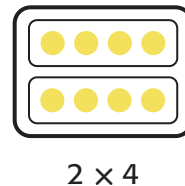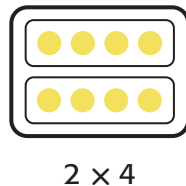**3 Multiply the product by the remaining factor.**

So, (2 × 2) × 4 = 16. Lois does 16 loads of laundry in 4 weeks.

You can also group the factors another way.

2 × (2 × 4)

2 groups of 4, two times

2 × 4   2 × 4

$2 \times (2 \times 4)$

2   ×   8

16

Either way you group the factors, the product is 16.

Practice

Find each product.

1. (3 × 1) × 2 = ___6___

2. (2 × 2) × 5 = ___20___

Find each product.

3. $(6 \times 1) \times 3 =$ __18__

4. $3 \times (5 \times 2) =$ __30__

Group the factors another way. Then find each product.

5. $(4 \times 1) \times 2 = 4 \times (1 \times$ __2__ $)$

$= 4 \times$ __2__

$=$ __8__

6. $(2 \times 6) \times 2 = 2 \times ($ __6__ $\times$ __2__ $)$

$= 2 \times$ __12__

$=$ __24__

7. $3 \times (5 \times 1) = ($ __3__ $\times$ __5__ $) \times 1$

$=$ __15__ $\times 1$

$=$ __15__

8. $(4 \times 5) \times 2 = 4 \times ($ __5__ $\times$ __2__ $)$

$= 4 \times$ __10__

$=$ __40__

Real World Problem Solving

9. **Mathematical PRACTICE** ▷2 **Use Number Sense** Caroline baked bread each day for 5 days for a bake sale. She baked 3 types of bread each day and used 2 cups of flour for each recipe. How many cups of flour did Caroline use?

30 cups

10. Each of the 4 members of the Kings Chess Club play in 3 matches both Saturday and Sunday. How many matches did the chess club play in all?

24 matches

11. Kent works at an ice cream shop. A family of 3 ordered 3 scoops of ice cream each. Then two more families of 3 ordered 3 scoops of ice cream each. How many scoops of ice cream did Kent serve to the three families in all?

27 scoops

My Work!