

MY Homework

Lesson 2

Multiplication as Repeated Addition

Homework Helper



Need help? connectED.mcgraw-hill.com

Dani will put 2 forks at each of the 8 table settings. How many forks does she need in all?

Find 8 groups of 2.

Write an addition sentence to show the equal groups.

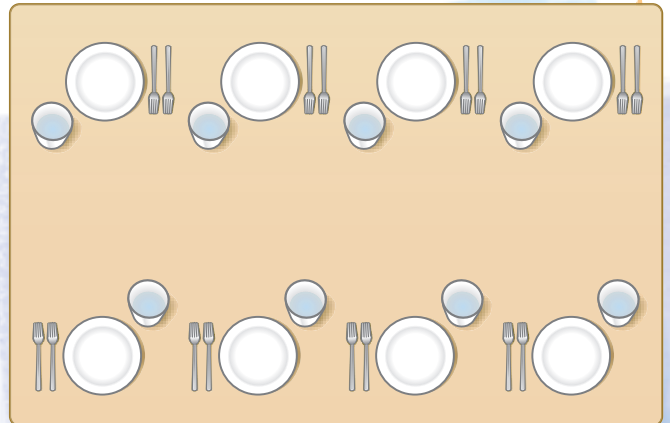
$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16$$

Write a multiplication sentence to show 8 groups of 2.

$$8 \times 2 = \square \quad \leftarrow \text{Find the unknown.}$$

$$8 \times 2 = 16$$

So, 8 groups of 2 is 16. The unknown is 16 forks.



Practice

Write an addition sentence and a multiplication sentence for each.



$$6 + 6 + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$




Problem Solving

Draw a picture to find the total. Write a multiplication sentence.

3. 7 groups of 1 green grape

4. 9 groups of 2 square crackers

_____ × _____ = _____ _____ × _____ = _____

5. PRACTICE  **Model Math** How many buttons does Leonora have altogether if she has 4 bags of buttons and each bag has 10 buttons?

_____ × _____ = _____

Multiply to find the unknown product.

6. $8 \times 3 = \blacksquare$

7. $4 \times 3 = \blacksquare$

The unknown is _____.

The unknown is _____.

Vocabulary Check



Use the correct word(s) and the number sentence $6 \times 8 = 48$ to solve.

equal groups repeated addition multiply factors product

- 8. The number 48 is the _____.
- 9. The symbol \times tells you to _____.
- 10. The numbers 6 and 8 are the _____.
- 11. $8 + 8 + 8 + 8 + 8 + 8 = 48$ shows _____.
- 12. 6×8 means 6 _____ of 8.

Test Practice

13. Sam is washing windows. There are 5 windows in each of 7 rooms. How many windows does Sam have to wash?

- (A) 2 windows (C) 30 windows
- (B) 12 windows (D) 35 windows