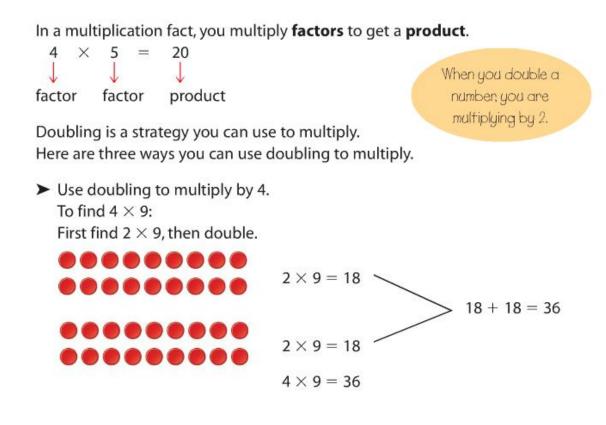
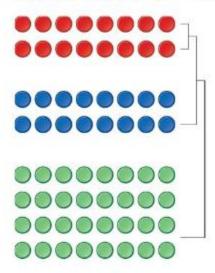
## **Unit 3 Multiplication and Division**



Use repeated doubling to multiply by 8.
To find 8 × 8:

First think of  $2 \times 8 = 16$ , then double, and then double again.



 $2 \times 8 \text{ is } 8 + 8 = 16$ So,  $2 \times 8 = 16$  $4 \times 8 \text{ is double } 2 \times 8$ 16 + 16 = 32So,  $4 \times 8 = 32$  $8 \times 8 \text{ is double } 4 \times 8$ 32 + 32 = 64So,  $8 \times 8 = 64$ 

## **Unit 3 Multiplication and Division**

Begin with a fact you know.
Double one of the factors, then multiply.

You know  $2 \times 3 = 6$ . You can double the factor 2 to get 4.  $4 \times 3 = 12$ Or, you can double the factor 3 to get 6.  $2 \times 6 = 12$ 

