

Multiply with 6, 7, and 8

CA Standards
KEY NS 2.2, AF 1.5

Nancy has 4 boxes of markers. There are 6 markers in each box.
How many markers does Nancy have in all?

$$4 \times 6 = \square$$

If you can multiply by 3, you can use doubling to multiply by 6.

When you double 3, you get 6.

$$2 \times 3 = 6$$

So any number times 6 is the same as that number times 3 and then doubled.

$4 \times 6 =$ is double 4×3 .

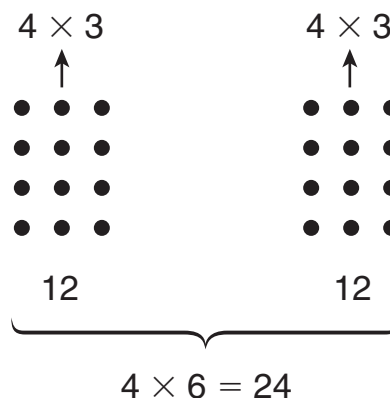
$$4 \times 3 = 12$$

$$4 \times 6 = 12 + 12$$

$$12 + 12 = 24$$

So $4 \times 6 = 24$.

Solution: Nancy has 24 markers in all.



Multiply. Use doubling.

1. $\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$

2. $\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$

3. $\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$

4. $\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$

5. $\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$

6. $\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$

7. $6 \times 3 = \underline{\hspace{2cm}}$

8. $6 \times 9 = \underline{\hspace{2cm}}$

9. $7 \times 6 = \underline{\hspace{2cm}}$



Writing Math Explain one way you can use doubling to multiply 6×2 .
