

Multiplying by Tens

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Use the array of dimes to complete the number sentences.



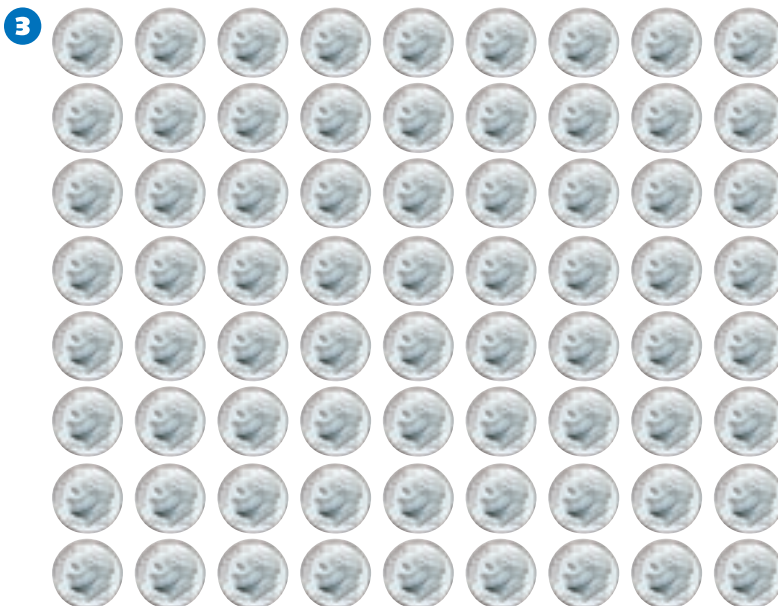
$$4 \times 70 = \square$$

$$7 \times 40 = \square$$



$$30 \times \square = \square$$

$$3 \times \square = \square$$



$$\square \times \square = \square$$

$$\square \times \square = \square$$

Complete the number sentence.

4

$$\begin{array}{r} 60 \\ \times 5 \\ \hline \square \end{array}$$

5

$$\begin{array}{r} 60 \\ \times 50 \\ \hline \square \end{array}$$

6

$$\begin{array}{r} 80 \\ \times \square \\ \hline 240 \end{array}$$

7

$$\begin{array}{r} \square \\ \times 12 \\ \hline 840 \end{array}$$

8

$$\begin{array}{r} \square \\ \times 6 \\ \hline 540 \end{array}$$

Solve.



9 Mrs. Wheeler bought special pencils for each of the 40 children who ride her bus. Each pencil cost 12¢. How much did she spend for all the pencils? Explain how you found your answer.

10 There are 60 minutes in 1 hour. How many minutes are there in 8 hours?

11 **Challenge** Miko made this array of nickels. Write some multiplication sentences this array could represent.