

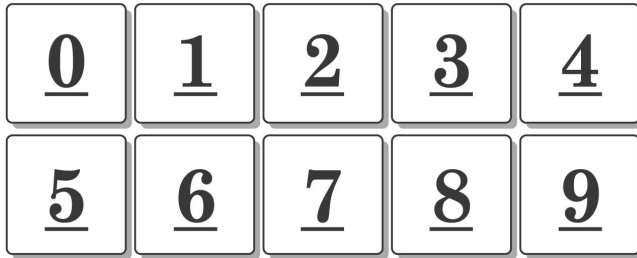
Number Tiles

Instructions: The next two questions are about number tiles.

MP31344

For this item, you have been given a piece of cardboard with 10 square number tiles like the ones shown below. Take the piece of cardboard and punch out the 10 tiles.

If you do not have the piece of cardboard raise your hand.



Questions for Number Tiles begin on the next page.



- C. Use the tiles **1**, **4**, and **5**. Write the numbers on the tiles in the boxes below to make the largest answer when you multiply.

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

End of Number Tiles section. ●

TIMSS 2003

Content Domain

Number

Main Topic

Whole numbers

Cognitive Domain

Solving Routine Problems

Key

See scoring guide

M031345_2

C. Use the tiles **1**, **4**, and **5**. Write the numbers on the tiles in the boxes below to make the largest answer when you multiply.

\times

End of Number Tiles section. ●

C: Codes for Largest Answer to Multiplication Problem

Code	Response	Item: M031345C
	Correct Response	
10	41 × 5	
	Incorrect Response	
70	51 × 4	
71	Any other arrangement of the digits 1, 4, and 5	
79	Other incorrect (including crossed out/erased, stray marks, illegible, or off task)	
	Nonresponse	
99	Blank	