MISSING VALUES

Find the value of A, B, C, D, and E that make the problem below a true multiplication problem. Each letter is a different digit and none of the letters is a 0.

$$\begin{array}{r} ABCDE \\ \times \qquad 4 \\ \hline EDCBA \end{array}$$

A = _____

B = _____

C = _____

D = _____

E = _____