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Q4 Find the product using suitable properties:

(a) 738×103

$$= 738 \times (100 + 3)$$

$$= 738 \times 100 + 738 \times 3$$

$$= \underline{73800} + \underline{2214}$$

$$= 76014$$

$$\begin{array}{r} 12 \\ 738 \\ \times 3 \\ \hline 2214 \end{array}$$

(d) 1005×168

$$= (1000 + 5) \times 168$$

$$= 168 \times 1000 + 168 \times 5$$

$$= \underline{168000} + \underline{840}$$

$$= \boxed{168840}$$

$$\begin{array}{r} 95 \\ (100 - 5) \end{array}$$