

Multiply by a 2-Digit Number 1

1. Multiply mentally. Compare.

a. $2 \times 16 =$ $10 \times 16 =$ $20 \times 16 =$	b. $3 \times 15 =$ $10 \times 15 =$ $30 \times 15 =$	c. $2 \times 27 =$ $10 \times 27 =$ $20 \times 27 =$	d. $4 \times 32 =$ $10 \times 32 =$ $40 \times 32 =$
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2. One answer is given - find the other. Compare.

a. $7 \times 38 = 266$ $0 \times 38 =$	b. $6 \times 92 = 552$ $60 \times 92 =$	c. $8 \times 59 =$ $80 \times 59 = 4720$	d. $5 \times 57 =$ $50 \times 57 = 2850$
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3. Multiply. Be careful with regrouping (carrying).

a.

$$\begin{array}{r} 58 \\ \times 30 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 68 \\ \times 60 \\ \hline \end{array}$$

c.

$$\begin{array}{r} 94 \\ \times 40 \\ \hline \end{array}$$

d.

$$\begin{array}{r} 79 \\ \times 20 \\ \hline \end{array}$$

e.

$$\begin{array}{r} 62 \\ \times 80 \\ \hline \end{array}$$

f.

$$\begin{array}{r} 55 \\ \times 70 \\ \hline \end{array}$$

g.

$$\begin{array}{r} 43 \\ \times 90 \\ \hline \end{array}$$

h.

$$\begin{array}{r} 82 \\ \times 50 \\ \hline \end{array}$$

4. **a.** 82×54 is done in two parts:
 80×54 and 2×54

$$\begin{array}{r} 54 \\ \times 80 \\ \hline \end{array} \quad \begin{array}{r} 54 \\ \times 2 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

(Lastly add the two results)

b. 76×29 is done in two parts:
 70×29 and 6×29

$$\begin{array}{r} 29 \\ \times 70 \\ \hline \end{array} \quad \begin{array}{r} 29 \\ \times 6 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

(Lastly add the two results)

c. 72×53

$$\begin{array}{r} 53 \\ \times \quad \quad \\ \hline \end{array} \quad \begin{array}{r} 53 \\ \times \quad \quad \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

d. 37×82