

Decimal Multiplication

3 Digit by 2 Digit Decimals - Mixed Decimal Places

Name: _____ Date: _____

(1)
$$\begin{array}{r} 98.6 \\ \times 9.7 \\ \hline \end{array}$$

(2)
$$\begin{array}{r} 1.89 \\ \times 9.8 \\ \hline \end{array}$$

(3)
$$\begin{array}{r} 95.3 \\ \times 8.8 \\ \hline \end{array}$$

(4)
$$\begin{array}{r} 6.84 \\ \times .77 \\ \hline \end{array}$$

(5)
$$\begin{array}{r} 3.63 \\ \times 7.7 \\ \hline \end{array}$$

(6)
$$\begin{array}{r} .147 \\ \times .78 \\ \hline \end{array}$$

(7)
$$\begin{array}{r} 74.9 \\ \times .89 \\ \hline \end{array}$$

(8)
$$\begin{array}{r} 17.8 \\ \times 9.7 \\ \hline \end{array}$$

(9)
$$\begin{array}{r} 93.7 \\ \times 8.9 \\ \hline \end{array}$$

(10)
$$\begin{array}{r} 93.6 \\ \times 7.8 \\ \hline \end{array}$$

(11)
$$\begin{array}{r} 63.8 \\ \times .79 \\ \hline \end{array}$$

(12)
$$\begin{array}{r} 13.3 \\ \times 7.7 \\ \hline \end{array}$$

(13)
$$\begin{array}{r} 9.18 \\ \times 9.7 \\ \hline \end{array}$$

(14)
$$\begin{array}{r} .371 \\ \times 7.9 \\ \hline \end{array}$$

(15)
$$\begin{array}{r} 2.41 \\ \times .88 \\ \hline \end{array}$$

(16)
$$\begin{array}{r} 82.2 \\ \times 9.8 \\ \hline \end{array}$$

(17)
$$\begin{array}{r} .102 \\ \times .77 \\ \hline \end{array}$$

(18)
$$\begin{array}{r} 33.7 \\ \times 7.7 \\ \hline \end{array}$$

(19)
$$\begin{array}{r} 13.2 \\ \times .78 \\ \hline \end{array}$$

(20)
$$\begin{array}{r} 95.8 \\ \times 8.7 \\ \hline \end{array}$$

(21)
$$\begin{array}{r} 5.45 \\ \times 7.8 \\ \hline \end{array}$$

(22)
$$\begin{array}{r} 59.2 \\ \times 7.8 \\ \hline \end{array}$$

(23)
$$\begin{array}{r} .964 \\ \times 7.8 \\ \hline \end{array}$$

(24)
$$\begin{array}{r} 4.56 \\ \times 8.8 \\ \hline \end{array}$$

(25)
$$\begin{array}{r} .174 \\ \times 7.8 \\ \hline \end{array}$$

Decimal Multiplication

3 Digit by 2 Digit Decimals - Mixed Decimal Places

ANSWER KEY

$$\begin{array}{r} (1) \quad 98.6 \\ \times 9.7 \\ \hline 6902 \\ 8874 \\ \hline 95642 \end{array}$$

$$\begin{array}{r} (2) \quad 1.89 \\ \times 9.8 \\ \hline 1512 \\ 1701 \\ \hline 18522 \end{array}$$

$$\begin{array}{r} (3) \quad 95.3 \\ \times 88 \\ \hline 7624 \\ 7624 \\ \hline 83864 \end{array}$$

$$\begin{array}{r} (4) \quad 6.84 \\ \times .77 \\ \hline 4788 \\ 4788 \\ \hline 52668 \end{array}$$

$$\begin{array}{r} (5) \quad 3.63 \\ \times 77 \\ \hline 2541 \\ 2541 \\ \hline 27951 \end{array}$$

$$\begin{array}{r} (6) \quad .147 \\ \times .78 \\ \hline 1176 \\ 1029 \\ \hline .11466 \end{array}$$

$$\begin{array}{r} (7) \quad 74.9 \\ \times .89 \\ \hline 6741 \\ 5992 \\ \hline 66661 \end{array}$$

$$\begin{array}{r} (8) \quad 17.8 \\ \times 9.7 \\ \hline 1246 \\ 1602 \\ \hline 17266 \end{array}$$

$$\begin{array}{r} (9) \quad 93.7 \\ \times 8.9 \\ \hline 8433 \\ 7496 \\ \hline 83393 \end{array}$$

$$\begin{array}{r} (10) \quad 93.6 \\ \times 7.8 \\ \hline 7488 \\ 6552 \\ \hline 73008 \end{array}$$

$$\begin{array}{r} (11) \quad 63.8 \\ \times .79 \\ \hline 5742 \\ 4466 \\ \hline 50402 \end{array}$$

$$\begin{array}{r} (12) \quad 13.3 \\ \times 77 \\ \hline 931 \\ 931 \\ \hline 10241 \end{array}$$

$$\begin{array}{r} (13) \quad 9.18 \\ \times 97 \\ \hline 6426 \\ 8262 \\ \hline 89046 \end{array}$$

$$\begin{array}{r} (14) \quad .371 \\ \times 79 \\ \hline 3339 \\ 2597 \\ \hline 29309 \end{array}$$

$$\begin{array}{r} (15) \quad 2.41 \\ \times .88 \\ \hline 1928 \\ 1928 \\ \hline 21208 \end{array}$$

$$\begin{array}{r} (16) \quad 82.2 \\ \times 9.8 \\ \hline 6576 \\ 7398 \\ \hline 80556 \end{array}$$

$$\begin{array}{r} (17) \quad .102 \\ \times .77 \\ \hline 714 \\ 714 \\ \hline .07854 \end{array}$$

$$\begin{array}{r} (18) \quad 33.7 \\ \times 77 \\ \hline 2359 \\ 2359 \\ \hline 25949 \end{array}$$

$$\begin{array}{r} (19) \quad 13.2 \\ \times .78 \\ \hline 1056 \\ 924 \\ \hline 10296 \end{array}$$

$$\begin{array}{r} (20) \quad 95.8 \\ \times 87 \\ \hline 6706 \\ 7664 \\ \hline 83346 \end{array}$$

$$\begin{array}{r} (21) \quad 5.45 \\ \times 7.8 \\ \hline 4360 \\ 3815 \\ \hline 42510 \end{array}$$

$$\begin{array}{r} (22) \quad 59.2 \\ \times 7.8 \\ \hline 4736 \\ 4144 \\ \hline 46176 \end{array}$$

$$\begin{array}{r} (23) \quad .964 \\ \times 78 \\ \hline 7712 \\ 6748 \\ \hline 75192 \end{array}$$

$$\begin{array}{r} (24) \quad 4.56 \\ \times 8.8 \\ \hline 3648 \\ 3648 \\ \hline 40128 \end{array}$$

$$\begin{array}{r} (25) \quad .174 \\ \times 7.8 \\ \hline 1392 \\ 1218 \\ \hline 13572 \end{array}$$