OneInMath

Mul 2d - 2d x 1d (Pages 13 to 17, Packet #274)

Tutor: _____   Student: _____   Date: _____/_____/ 2025

What To Do Next

When student completes this packet:

☐ Check packet for accuracy.

☐ Ask oral questions and determine next assignment.

Assign packet (check one): _____ Classwork _____ Homework

☐ Finish this packet.

☐ Repeat this packet (#274): Mul 2d - 2d x 1d

☐ Assign next packet (#275): Mul 2d - 2d x 2d

☐ Assign another packet: _____

Instructions For This Packet

No instructions. Use common sense :)

Video Links

No video recommendations.

Tutor Notes

_____

_____

Multiplication 2d – Solving 2d x 1d - no carry

Example 1: 62 x 4

$$\begin{array}{r} 6\,2 \\ \times\ \ 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6\,2 \\ \times\ \ 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 6\,2 \\ \times\ \ 4 \\ \hline 2\,4\,8 \end{array}$$

Multiply unit place first:
4 x 2 = 8
Write 8 In unit place, there is nothing to carry to tens place

Multiply tens place next:
4 x 6 = 24
No carry to add to 24

Example 2: 91 x 7

$$\begin{array}{r} 9\,1 \\ \times\ \ 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9\,1 \\ \times\ \ 7 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 9\,1 \\ \times\ \ 7 \\ \hline 6\,3\,7 \end{array}$$

7 x 1 = 7

7 x 9 = 63

$$\begin{array}{r} 23 \\ \times\ \ 2 \\ \hline \end{array} \qquad \begin{array}{r} 85 \\ \times\ \ 1 \\ \hline \end{array} \qquad \begin{array}{r} 20 \\ \times\ \ 7 \\ \hline \end{array} \qquad \begin{array}{r} 51 \\ \times\ \ 8 \\ \hline \end{array} \qquad \begin{array}{r} 28 \\ \times\ \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times\ \ 6 \\ \hline \end{array} \qquad \begin{array}{r} 20 \\ \times\ \ 6 \\ \hline \end{array} \qquad \begin{array}{r} 50 \\ \times\ \ 6 \\ \hline \end{array} \qquad \begin{array}{r} 36 \\ \times\ \ 1 \\ \hline \end{array} \qquad \begin{array}{r} 50 \\ \times\ \ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ \times\ \ 9 \\ \hline \end{array} \qquad \begin{array}{r} 60 \\ \times\ \ 2 \\ \hline \end{array} \qquad \begin{array}{r} 51 \\ \times\ \ 7 \\ \hline \end{array} \qquad \begin{array}{r} 12 \\ \times\ \ 4 \\ \hline \end{array} \qquad \begin{array}{r} 30 \\ \times\ \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times\ \ 3 \\ \hline \end{array} \qquad \begin{array}{r} 19 \\ \times\ \ 1 \\ \hline \end{array} \qquad \begin{array}{r} 50 \\ \times\ \ 7 \\ \hline \end{array} \qquad \begin{array}{r} 43 \\ \times\ \ 2 \\ \hline \end{array} \qquad \begin{array}{r} 20 \\ \times\ \ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ \times\ \ 2 \\ \hline \end{array} \qquad \begin{array}{r} 29 \\ \times\ \ 1 \\ \hline \end{array} \qquad \begin{array}{r} 78 \\ \times\ \ 1 \\ \hline \end{array} \qquad \begin{array}{r} 91 \\ \times\ \ 2 \\ \hline \end{array} \qquad \begin{array}{r} 90 \\ \times\ \ 7 \\ \hline \end{array}$$

Multiplication 2d - Solving 2d x 1d - with carry
Example 1: 65 x 4

$$
\begin{array}{r}
6\ 5 \\
\times\quad 4 \\
\hline
\end{array}
$$

$$
\begin{array}{r}
^2\ \ \\
6\ 5 \\
\times\quad 4 \\
\hline
0
\end{array}
$$

Multiply unit place first:
4 x 5 = 20
Write 0 In unit place, carry 2 in tens place

$$
\begin{array}{r}
^2\ \ \\
6\ 5 \\
\times\quad 4 \\
\hline
2\ 6\ 0
\end{array}
$$

Multiply tens place next:
4 x 6 = 24
Add carry to the result:
24 + 2 = 26

Example 2: 86 x 7

$$
\begin{array}{r}
8\ 6 \\
\times\quad 7 \\
\hline
\end{array}
$$

$$
\begin{array}{r}
^4\ \ \\
8\ 6 \\
\times\quad 7 \\
\hline
2
\end{array}
$$

7 x 6 = 42

$$
\begin{array}{r}
^4\ \ \\
8\ 6 \\
\times\quad 7 \\
\hline
6\ 0\ 5
\end{array}
$$

7 x 8 = 56
56 +43 = 60

45	76	82	19	68
× 2	× 4	× 9	× 3	× 6

85	46	48	84	34
× 9	× 8	× 3	× 7	× 4

69	74	24	28	58
× 6	× 9	× 4	× 5	× 7

66	66	27	65	16
× 4	× 8	× 9	× 7	× 2

63	58	78	18	22
× 9	× 5	× 8	× 2	× 7

23	89	84	69	46
× 9	× 6	× 8	× 3	× 4

29	78	55	62	25
× 4	× 3	× 3	× 5	× 9

95	53	23	73	74
× 4	× 7	× 7	× 6	× 8

66	66	23	96	67
× 7	× 2	× 6	× 8	× 2

53	35	77	59	78
× 4	× 9	× 8	× 7	× 9