

OneInMath

Mul 2d - 2d x 2d (Pages 18 to 22, Packet #275)

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 (#275): [Mul 2d - 2d x 2d](#)
- ☐ Assign next packet (#276): [Mul 2d - eval](#)
- ☐ Assign another packet: _____

Instructions For This Packet

No instructions. Use common sense :)

Video Links

No video recommendations.

Tutor Notes

Multiplication 2d - Solving 2d x 2d- with carry

$$\begin{array}{r} 65 \\ \times 34 \\ \hline \end{array}$$

Steps:

1. multiply 65 x 4
2. multiply 65 x 30
3. Add both the numbers

Step 1: 65 x 4

$$\begin{array}{r} 2 \\ 65 \\ \times 34 \\ \hline 0 \\ \hline \\ \hline \end{array}$$

Multiply unit place:

$$4 \times 5 = 20$$

Write 0 in unit place,
carry 2 in tens place

$$\begin{array}{r} 2 \\ 65 \\ \times 34 \\ \hline 260 \\ \hline \\ \hline \end{array}$$

Multiply tens place:

$$4 \times 6 = 24$$

Add carry to the result:
 $24 + 2 = 26$

Multiplication - Solving 2d x 2d- with carry

Step 2:

$65 \times 30 \Rightarrow$ write 65×3 starting from tens place

$$\begin{array}{r}
 1 \\
 \cancel{2} \\
 65 \\
 \times 34 \\
 \hline
 260 \\
 5 \\
 \hline
 \\
 \hline
 \end{array}$$

Multiply unit place:

$$3 \times 5 = 15$$

Write 5 In ten place,
carry 1 in tens place

$$\begin{array}{r}
 1 \\
 \cancel{2} \\
 65 \\
 \times 34 \\
 \hline
 260 \\
 195 \\
 \hline
 \\
 \hline
 \end{array}$$

Multiply unit place:

$$3 \times 6 = 18$$

Add carry to the result

$$18 + 1 = 19$$

Name: _____

Date: ____ / ____ / 2025

Start: _____

End: _____

Multiplication - Solving 2d x 2d- with carry

Step 3:

Add the two numbers

$$\begin{array}{r} 1 \\ 2 \\ 65 \\ \times 34 \\ \hline 260 \\ + 195 \\ \hline 2210 \end{array}$$

Add two numbers:

$$260 + 1950 = 2210$$

$$\begin{array}{r} 38 \\ \times 28 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 99 \\ \times 15 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 28 \\ \times 63 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 90 \\ \times 87 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 64 \\ \times 50 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 49 \\ \times 18 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 25 \\ \times 48 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 18 \\ \times 79 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 37 \\ \times 88 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 21 \\ \times 84 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 97 \\ \times 41 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 76 \\ \times 98 \\ \hline \end{array}$$

.....

91

×

46

85

×

55

79

×

16

19

×

33

20

×

10

74

×

37

63

×

94

16

×

13

23

×

93

81

×

19

51

×

21

15

×

70