

# HARVEST PRIVATE SCHOOL

P.O.BOX : 4328

Ras Al Khaimah , United Arab Emirates



Class : ---Grade 4 -

Subject : **Math** \ Term 2

Name : .....

*Vision of the school* : To be the best choice for any parent who seeks to achieve the best educational service for his/ her children



**13X22**

X	20	2
10	Box 1	Box 2
3	Box 3	Box 4

Box 1  
+ Box 2

Box 3  
+ Box 4

Boxes (1+2)  
+ Boxes (3+4)

Addition  
(in columns)

**11X22**

X	20	2
10	Box 1	Box 2
1	Box 3	Box 4

Box 1  
+ Box 2

Box 3  
+ Box 4

Boxes (1+2)  
+ Boxes (3+4)

Addition  
(in columns)



**L.O. To use the grid method for multiplying two 2-digit numbers**

Use the example, the blank grid and the instructions to help you

Name: \_\_\_\_\_

**23X14 = 322**

X	20	3
10	200 Box 1	30 Box 2
4	80 Box 3	12 Box 4

Addition  
(in columns)

$$\begin{array}{r} \text{Box 1 } 200 \\ + \text{Box 2 } 30 \\ \hline 230 \end{array}$$

$$\begin{array}{r} \text{Box 3 } 80 \\ + \text{Box 4 } 12 \\ \hline 92 \end{array}$$

$$\begin{array}{r} \text{Boxes (1+2)} \\ + \text{Boxes (3+4)} \\ \hline 230+92=322 \end{array}$$

**12X25**

X	20	5
10	Box 1	Box 2
2	Box 3	Box 4

Addition  
(in columns)

$$\begin{array}{r} \text{Box 1} \\ + \text{Box 2} \\ \hline \end{array}$$

$$\begin{array}{r} \text{Box 3} \\ + \text{Box 4} \\ \hline \end{array}$$

$$\begin{array}{r} \text{Boxes (1+2)} \\ + \text{Boxes (3+4)} \\ \hline \end{array}$$

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Box 1  
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Box 3  
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Boxes (1+2)  
+ Boxes (3+4)

Addition  
(in columns)

**11X22**

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Box 1  
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Boxes (1+2)  
+ Boxes (3+4)

Addition  
(in columns)

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Extension: Complete the following in your numeracy book,  
You will need to draw a grid and show all working out



1.  $12 \times 23$
2.  $24 \times 14$
3.  $15 \times 23$
4.  $22 \times 23$
5.  $23 \times 25$



# Grid Multiplication TUxTU

## Worksheet Number 1

Name: \_\_\_\_\_

<p>26 x 45 = ?</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td></td><td>x</td><td>20</td><td>5</td></tr> <tr><td>40</td><td></td><td>800</td><td>240 =</td></tr> <tr><td>5</td><td></td><td>100</td><td>30 =</td></tr> <tr><td>Total</td><td></td><td></td><td></td></tr> </table> <p>26 x 45 = <u>1170</u></p>		x	20	5	40		800	240 =	5		100	30 =	Total				<p>24 x 29 = ?</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td></td><td>x</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td>Total</td><td></td><td></td><td></td></tr> </table> <p>24 x 29 = _____</p>		x											Total			
	x	20	5																														
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## Multiply whole tens by whole tens.

### Grade 4 Multiplication Worksheet

Find the product.

1.  $40 \times 80 =$  \_\_\_\_\_

2.  $7 \times 90 =$  \_\_\_\_\_

3.  $30 \times 10 =$  \_\_\_\_\_

4.  $30 \times 30 =$  \_\_\_\_\_

5.  $50 \times 90 =$  \_\_\_\_\_

6.  $100 \times 40 =$  \_\_\_\_\_

7.  $30 \times 10 =$  \_\_\_\_\_

8.  $20 \times 80 =$  \_\_\_\_\_

9.  $90 \times 30 =$  \_\_\_\_\_

10.  $2 \times 80 =$  \_\_\_\_\_

11.  $60 \times 20 =$  \_\_\_\_\_

12.  $20 \times 50 =$  \_\_\_\_\_

13.  $80 \times 60 =$  \_\_\_\_\_

14.  $30 \times 90 =$  \_\_\_\_\_

15.  $40 \times 90 =$  \_\_\_\_\_

16.  $50 \times 30 =$  \_\_\_\_\_

17.  $1 \times 60 =$  \_\_\_\_\_

18.  $50 \times 10 =$  \_\_\_\_\_

19.  $20 \times 40 =$  \_\_\_\_\_

20.  $10 \times 80 =$  \_\_\_\_\_

21.  $20 \times 20 =$  \_\_\_\_\_

22.  $60 \times 30 =$  \_\_\_\_\_

23.  $70 \times 80 =$  \_\_\_\_\_

24.  $90 \times 10 =$  \_\_\_\_\_



## Multiply whole tens by whole tens.

### Grade 4 Multiplication Worksheet

Find the product.

1.  $40 \times 80 = \underline{3,200}$     2.  $7 \times 90 = \underline{630}$     3.  $30 \times 10 = \underline{300}$

4.  $30 \times 30 = \underline{900}$     5.  $50 \times 90 = \underline{4,500}$     6.  $100 \times 40 = \underline{4,000}$

7.  $30 \times 10 = \underline{300}$     8.  $20 \times 80 = \underline{1,600}$     9.  $90 \times 30 = \underline{2,700}$

10.  $2 \times 80 = \underline{160}$     11.  $60 \times 20 = \underline{1,200}$     12.  $20 \times 50 = \underline{1,000}$

13.  $80 \times 60 = \underline{4,800}$     14.  $30 \times 90 = \underline{2,700}$     15.  $40 \times 90 = \underline{3,600}$

16.  $50 \times 30 = \underline{1,500}$     17.  $1 \times 60 = \underline{60}$     18.  $50 \times 10 = \underline{500}$

19.  $20 \times 40 = \underline{800}$     20.  $10 \times 80 = \underline{800}$     21.  $20 \times 20 = \underline{400}$

22.  $60 \times 30 = \underline{1,800}$     23.  $70 \times 80 = \underline{5,600}$     24.  $90 \times 10 = \underline{900}$



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