

12x: 10x and add 2x

Just multiply them by the number then add them.

Example:

$$12 \times 6 = 10 \times 6 + 2 \times 6$$



The easiest  
the simple

The hard  
number to

6x

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This works for any number multiplied by 12

$$\begin{aligned} 12 \times 11 &= 10 \times 11 + 2 \times 11 \\ &= 110 + 22 \\ &= 132 \end{aligned}$$

$$\begin{aligned} 12 \times 12 &= 10 \times 12 + 2 \times 12 \\ &= 120 + 24 \\ &= 144 \end{aligned}$$

Focus on these tricky ones

$$\begin{aligned} 12 \times 5 &= 60 \\ 12 \times 6 &= 72 \\ 12 \times 7 &= 84 \\ 12 \times 8 &= 96 \\ 12 \times 9 &= 108 \\ 12 \times 12 &= 144 \end{aligned}$$

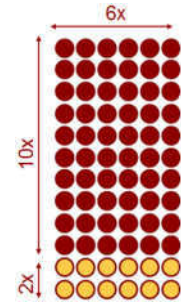
Time:

Score:

Twelve is Ten and Two (12x): 10 [ A ]



x 2 5&10 3 4 0,11&Squ 9 6 8 7 **12** All



**12x - "Build From Tens Facts" Strategy**  
 Think:  $12 \times 6$  is the same as  $10 \times 6 + 2 \times 6 = 60 + 12 = 72$

**12x**

- 1)  $12 \times 10 =$  \_\_\_\_\_
- 2)  $12 \times 7 =$  \_\_\_\_\_
- 3)  $12 \times 8 =$  \_\_\_\_\_
- 4)  $12 \times 4 =$  \_\_\_\_\_
- 5)  $12 \times 3 =$  \_\_\_\_\_
- 6)  $12 \times 9 =$  \_\_\_\_\_
- 7)  $12 \times 4 =$  \_\_\_\_\_
- 8)  $12 \times 3 =$  \_\_\_\_\_
- 9)  $12 \times 1 =$  \_\_\_\_\_
- 10)  $12 \times 1 =$  \_\_\_\_\_
- 11)  $12 \times 1 =$  \_\_\_\_\_
- 12)  $12 \times 1 =$  \_\_\_\_\_
- 13)  $12 \times 1 =$  \_\_\_\_\_
- 14)  $12 \times 5 =$  \_\_\_\_\_
- 15)  $12 \times 10 =$  \_\_\_\_\_
- 16)  $12 \times 5 =$  \_\_\_\_\_
- 17)  $12 \times 11 =$  \_\_\_\_\_
- 18)  $12 \times 2 =$  \_\_\_\_\_
- 29)  $12 \times 10 =$  \_\_\_\_\_
- 30)  $12 \times 4 =$  \_\_\_\_\_

**Turn arounds x12**

- 43)  $9 \times 12 =$  \_\_\_\_\_
- 44)  $12 \times 12 =$  \_\_\_\_\_
- 45)  $11 \times 12 =$  \_\_\_\_\_
- 57)  $8 \times 12 =$  \_\_\_\_\_
- 58)  $10 \times 12 =$  \_\_\_\_\_
- 59)  $8 \times 12 =$  \_\_\_\_\_
- 60)  $1 \times 12 =$  \_\_\_\_\_
- 72)  $4 \times 12 =$  \_\_\_\_\_

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**Write the missing number**

- 31)  $12 \times \underline{\quad} = 24$
- 32)  $12 \times \underline{\quad} = 0$
- 33)  $12 \times \underline{\quad} = 96$
- 34)  $12 \times \underline{\quad} = 60$
- 35)  $12 \times \underline{\quad} = 12$
- 36)  $12 \times \underline{\quad} = 48$

**Write the missing number**

- 73)  $\underline{\quad} \times 12 = 48$
- 74)  $\underline{\quad} \times 12 = 108$
- 75)  $\underline{\quad} \times 12 = 96$
- 76)  $\underline{\quad} \times 12 = 60$
- 77)  $\underline{\quad} \times 12 = 132$
- 78)  $\underline{\quad} \times 12 = 120$

**Addition revision**

- 37)  $9 + 7 =$  \_\_\_\_\_
- 38)  $8 + 5 =$  \_\_\_\_\_
- 39)  $1 + 8 =$  \_\_\_\_\_
- 40)  $9 + 6 =$  \_\_\_\_\_
- 41)  $2 + 6 =$  \_\_\_\_\_
- 42)  $10 + 5 =$  \_\_\_\_\_

**Multiplication revision**

- 79)  $4 \times 8 =$  \_\_\_\_\_
- 80)  $11 \times 12 =$  \_\_\_\_\_
- 81)  $9 \times 9 =$  \_\_\_\_\_
- 82)  $8 \times 3 =$  \_\_\_\_\_
- 83)  $6 \times 5 =$  \_\_\_\_\_
- 84)  $2 \times 4 =$  \_\_\_\_\_

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day Level 2: Multiplication Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet.

Time:

Score:

Twelve is Ten and Two (12x): 10 [ B ]



x	2	5&10	3	4	0,11&Squ	9	6	8	7	12	All
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12x

- 1)  $12 \times 3 =$  \_\_\_\_\_
- 2)  $12 \times 10 =$  \_\_\_\_\_
- 3)  $12 \times 12 =$  \_\_\_\_\_
- 4)  $12 \times 10 =$  \_\_\_\_\_
- 5)  $12 \times 10 =$  \_\_\_\_\_
- 6)  $12 \times 5 =$  \_\_\_\_\_
- 7)  $12 \times 8 =$  \_\_\_\_\_
- 8)  $12 \times 5 =$  \_\_\_\_\_
- 9)  $12 \times 4 =$  \_\_\_\_\_
- 10)  $12 \times 6 =$  \_\_\_\_\_
- 11)  $12 \times 1 =$  \_\_\_\_\_
- 12)  $12 \times 1 =$  \_\_\_\_\_
- 13)  $12 \times 9 =$  \_\_\_\_\_
- 14)  $12 \times 2 =$  \_\_\_\_\_
- 15)  $12 \times 1 =$  \_\_\_\_\_

- 16)  $12 \times 7 =$  \_\_\_\_\_
- 17)  $12 \times 12 =$  \_\_\_\_\_
- 18)  $12 \times 11 =$  \_\_\_\_\_
- 19)  $12 \times 9 =$  \_\_\_\_\_
- 20)  $12 \times 11 =$  \_\_\_\_\_
- 21)  $12 \times 8 =$  \_\_\_\_\_
- 22)  $12 \times 6 =$  \_\_\_\_\_
- 23)  $12 \times 3 =$  \_\_\_\_\_
- 24)  $12 \times 1 =$  \_\_\_\_\_

Turn arounds x12

- 51)  $9 \times 12 =$  \_\_\_\_\_
- 52)  $0 \times 12 =$  \_\_\_\_\_
- 53)  $4 \times 12 =$  \_\_\_\_\_
- 54)  $4 \times 12 =$  \_\_\_\_\_
- 55)  $11 \times 12 =$  \_\_\_\_\_
- 56)  $9 \times 12 =$  \_\_\_\_\_
- 57)  $9 \times 12 =$  \_\_\_\_\_
- 58)  $1 \times 12 =$  \_\_\_\_\_
- 59)  $1 \times 12 =$  \_\_\_\_\_
- 60)  $9 \times 12 =$  \_\_\_\_\_
- 61)  $4 \times 12 =$  \_\_\_\_\_
- 62)  $3 \times 12 =$  \_\_\_\_\_
- 63)  $11 \times 12 =$  \_\_\_\_\_
- 64)  $0 \times 12 =$  \_\_\_\_\_
- 65)  $6 \times 12 =$  \_\_\_\_\_
- 66)  $1 \times 12 =$  \_\_\_\_\_
- 67)  $8 \times 12 =$  \_\_\_\_\_
- 68)  $9 \times 12 =$  \_\_\_\_\_

This is a

# PREVIEW

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Write the missing number

- 31)  $12 \times$  \_\_\_\_\_ = 120
- 32)  $12 \times$  \_\_\_\_\_ = 120
- 33)  $12 \times$  \_\_\_\_\_ = 144
- 34)  $12 \times$  \_\_\_\_\_ = 24
- 35)  $12 \times$  \_\_\_\_\_ = 132
- 36)  $12 \times$  \_\_\_\_\_ = 120
- 37)  $12 \times$  \_\_\_\_\_ = 120
- 38)  $12 \times$  \_\_\_\_\_ = 144
- 39)  $12 \times$  \_\_\_\_\_ = 84
- 40)  $12 \times$  \_\_\_\_\_ = 108

- 81) \_\_\_\_\_  $\times 12 = 96$
- 82) \_\_\_\_\_  $\times 12 = 48$
- 83) \_\_\_\_\_  $\times 12 = 96$
- 84) \_\_\_\_\_  $\times 12 = 84$
- 85) \_\_\_\_\_  $\times 12 = 108$
- 86) \_\_\_\_\_  $\times 12 = 144$

Subtraction revision

- 41)  $17 - 9 =$  \_\_\_\_\_
- 42)  $7 - 4 =$  \_\_\_\_\_
- 43)  $17 - 8 =$  \_\_\_\_\_
- 44)  $15 - 7 =$  \_\_\_\_\_
- 45)  $12 - 8 =$  \_\_\_\_\_
- 46)  $18 - 9 =$  \_\_\_\_\_
- 47)  $9 - 5 =$  \_\_\_\_\_
- 48)  $15 - 8 =$  \_\_\_\_\_
- 49)  $4 - 2 =$  \_\_\_\_\_
- 50)  $8 - 5 =$  \_\_\_\_\_

Multiplication revision

- 91)  $8 \times 4 =$  \_\_\_\_\_
- 92)  $9 \times 12 =$  \_\_\_\_\_
- 93)  $11 \times 12 =$  \_\_\_\_\_
- 94)  $4 \times 9 =$  \_\_\_\_\_
- 95)  $5 \times 12 =$  \_\_\_\_\_
- 96)  $8 \times 12 =$  \_\_\_\_\_
- 97)  $6 \times 3 =$  \_\_\_\_\_
- 98)  $7 \times 6 =$  \_\_\_\_\_
- 99)  $6 \times 9 =$  \_\_\_\_\_
- 100)  $7 \times 5 =$  \_\_\_\_\_

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day Level 2: Multiplication Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. 12x tables (number facts) can be learned with a TWELVE IS TEN AND TWO strategy: Since twelve is made up of one ten plus two ones, it may be multiplied in two parts to take advantage of this place value structure. For example,  $12 \times 12 = 12 \times 10 + 12 \times 2 = 120 + 24 = 144$ . Note that all 12x facts will have been covered in other sets by this stage.