

0x Think: nothing at all!

$$0 \times 5 = 0$$

$$0 \times 8 = 0$$

Square numbers make a square

Focus on these tricky ones



This is a

PREVIEW

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11x: 1

These are easy to remember.

Eleven is made up of 1 ten and 1 one.

Just multiply 10 and 1 by the multiplier, then add them.

Example:

$$\begin{aligned} 11 \times 6 &= 10 \times 6 + 1 \times 6 \\ &= 60 + 6 \\ &= 66 \end{aligned}$$

$$\begin{aligned} 11 \times 11 &= 10 \times 11 + 1 \times 11 \\ &= 110 + 11 \\ &= 121 \end{aligned}$$

$$\begin{aligned} 11 \times 12 &= 10 \times 12 + 1 \times 12 \\ &= 120 + 12 \\ &= 132 \end{aligned}$$

Focus on these tricky ones

$$\begin{aligned} 11 \times 11 &= 121 \\ 11 \times 12 &= 132 \end{aligned}$$

Time:

Score:

Special Cases (0x, Square Numbers): 5 [A]



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

x 0

- | | |
|--------------------------|---------------------------|
| 1) $0 \times 8 =$ _____ | 6) $0 \times 7 =$ _____ |
| 2) $0 \times 6 =$ _____ | 7) $0 \times 12 =$ _____ |
| 3) $0 \times 5 =$ _____ | 8) $0 \times 1 =$ _____ |
| 4) $0 \times 11 =$ _____ | 9) $0 \times 4 =$ _____ |
| 5) $0 \times 0 =$ _____ | 10) $0 \times 10 =$ _____ |

Using exponents

- | | |
|--------------------|--------------------|
| 51) $11^2 =$ _____ | 56) $10^2 =$ _____ |
| 52) $7^2 =$ _____ | 57) $2^2 =$ _____ |
| 53) $12^2 =$ _____ | 58) $4^2 =$ _____ |
| 54) $1^2 =$ _____ | 59) $9^2 =$ _____ |
| 55) $5^2 =$ _____ | 60) $8^2 =$ _____ |

Square numbers

- | | |
|--------------------------|----------------------------|
| 11) $7 \times 7 =$ _____ | 26) $6 \times 6 =$ _____ |
| 12) $0 \times 0 =$ _____ | 27) $12 \times 12 =$ _____ |
| 13) $9 \times 9 =$ _____ | 28) $5 \times 5 =$ _____ |

x11

- | | |
|----------------------------|---------------------------|
| 61) $3 \times 11 =$ _____ | 71) $2 \times 11 =$ _____ |
| 62) $4 \times 11 =$ _____ | 72) $9 \times 11 =$ _____ |
| 63) $11 \times 11 =$ _____ | 73) $7 \times 11 =$ _____ |

- 14) 4×4 _____
- 15) 2×2 _____
- 16) 8×8 _____
- 17) 6×6 _____
- 18) 12×1 _____
- 19) 7×7 _____
- 20) 4×4 _____
- 21) 9×9 _____
- 22) 5×5 _____

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- | | |
|----------------------------|--------------------------|
| 23) $12 \times 12 =$ _____ | 37) $8 \times 8 =$ _____ |
| 24) $8 \times 8 =$ _____ | 39) $9 \times 9 =$ _____ |
| 25) $1 \times 1 =$ _____ | 40) $0 \times 0 =$ _____ |

- | | |
|-----------------------------|-----------------------------|
| 83) $1 \times 1 =$ _____ | 88) $9 \times 9 =$ _____ |
| 84) $4 \times$ _____ $= 16$ | 89) _____ $\times 12 = 144$ |
| 85) $7 \times$ _____ $= 49$ | 90) _____ $\times 8 = 64$ |

Addition revision

- | | |
|----------------------|----------------------|
| 41) $2 + 9 =$ _____ | 46) $1 + 6 =$ _____ |
| 42) $4 + 4 =$ _____ | 47) $6 + 9 =$ _____ |
| 43) $4 + 6 =$ _____ | 48) $9 + 8 =$ _____ |
| 44) $12 + 4 =$ _____ | 49) $11 + 7 =$ _____ |
| 45) $12 + 6 =$ _____ | 50) $11 + 4 =$ _____ |

Multiplication revision

- | | |
|--------------------------|---------------------------|
| 91) $5 \times 2 =$ _____ | 96) $5 \times 4 =$ _____ |
| 92) $8 \times 4 =$ _____ | 97) $3 \times 4 =$ _____ |
| 93) $2 \times 2 =$ _____ | 98) $7 \times 5 =$ _____ |
| 94) $7 \times 4 =$ _____ | 99) $2 \times 10 =$ _____ |
| 95) $2 \times 3 =$ _____ | 100) $4 \times 5 =$ _____ |

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. 0x tables (number facts) are special cases, relating to common sense thinking about empty sets. 11x is easily taught by multiplying the tens then the ones. Squares are a special set of facts that need to be learned separately and carefully. Have the students record their time taken to complete the page.



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

x 0

- | | |
|--------------------------|--------------------------|
| 1) $0 \times 3 =$ _____ | 6) $0 \times 6 =$ _____ |
| 2) $0 \times 2 =$ _____ | 7) $0 \times 4 =$ _____ |
| 3) $0 \times 0 =$ _____ | 8) $0 \times 11 =$ _____ |
| 4) $0 \times 8 =$ _____ | 9) $0 \times 12 =$ _____ |
| 5) $0 \times 10 =$ _____ | 10) $0 \times 5 =$ _____ |

Using exponents

- | | |
|--------------------|--------------------|
| 51) $2^2 =$ _____ | 56) $10^2 =$ _____ |
| 52) $11^2 =$ _____ | 57) $12^2 =$ _____ |
| 53) $3^2 =$ _____ | 58) $5^2 =$ _____ |
| 54) $1^2 =$ _____ | 59) $8^2 =$ _____ |
| 55) $9^2 =$ _____ | 60) $4^2 =$ _____ |

Square numbers

- | | |
|----------------------------|----------------------------|
| 11) $8 \times 8 =$ _____ | 26) $9 \times 9 =$ _____ |
| 12) $10 \times 10 =$ _____ | 27) $12 \times 12 =$ _____ |
| 13) $8 \times 8 =$ _____ | 28) $12 \times 12 =$ _____ |

11x

- | | |
|---------------------------|---------------------------|
| 61) $11 \times 2 =$ _____ | 71) $11 \times 3 =$ _____ |
| 62) $11 \times 1 =$ _____ | 72) $11 \times 7 =$ _____ |
| 63) $11 \times 4 =$ _____ | 73) $11 \times 8 =$ _____ |

- 14) 4×4 _____
- 15) 7×7 _____
- 16) 9×9 _____
- 17) 6×6 _____
- 18) 0×0 _____
- 19) 11×1 _____
- 20) 7×7 _____
- 21) 8×8 _____
- 22) 0×0 _____
- 23) 9×9 _____
- 24) $7 \times 7 =$ _____
- 25) $9 \times 9 =$ _____

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- 39) $11 \times 11 =$ _____
- 40) $5 \times 5 =$ _____

- | | |
|-------------------------------|---------------------------|
| 83) $2 \times 2 =$ _____ | 88) $5 \times 5 =$ _____ |
| 84) $12 \times$ _____ $= 144$ | 89) _____ $\times 4 = 16$ |
| 85) $10 \times$ _____ $= 100$ | 90) _____ $\times 1 = 1$ |

Subtraction revision

- | | |
|----------------------|----------------------|
| 41) $7 - 4 =$ _____ | 46) $12 - 8 =$ _____ |
| 42) $13 - 5 =$ _____ | 47) $15 - 8 =$ _____ |
| 43) $9 - 1 =$ _____ | 48) $12 - 3 =$ _____ |
| 44) $10 - 2 =$ _____ | 49) $11 - 6 =$ _____ |
| 45) $14 - 6 =$ _____ | 50) $4 - 2 =$ _____ |

Multiplication revision

- | | |
|----------------------------|---------------------------|
| 91) $4 \times 4 =$ _____ | 96) $4 \times 10 =$ _____ |
| 92) $8 \times 2 =$ _____ | 97) $3 \times 3 =$ _____ |
| 93) $11 \times 10 =$ _____ | 98) $5 \times 10 =$ _____ |
| 94) $5 \times 4 =$ _____ | 99) $7 \times 3 =$ _____ |
| 95) $9 \times 10 =$ _____ | 100) $6 \times 5 =$ _____ |

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