

9x: 10x take away 1 set



Example:

9 x 7 = 10 x 7 - 7

9 x 8 - think
one less than

Hold up both
To find the answer



There are now 2 fingers on one side of the folded finger and 7 on the other. Answer 27!

Try it with other numbers.

Of course this only works for the 9x tables multiplying up to 10.

Focus on these tricky ones

$$9 \times 6 = 54$$

$$9 \times 7 = 63$$

$$9 \times 8 = 72$$

$$9 \times 12 = 108$$

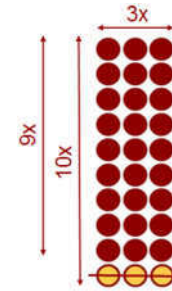
Time:

Score:

Tens Less One Set (9x): 6 [A]



x	2	5&10	3	4	0,11&Squ	9	6	8	7	12	All
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9x - "Tens Less One Set" Strategy

Think: 9×6 is the same as $10 \times 6 - 1 \times 6$

or

Think: 9×6 ... one less than 6 is 5... fifty-what? $5 + 4 = 9$... 54

9x

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

Turn arounds x9

- 41) $7 \times 9 =$ _____
- 42) $8 \times 9 =$ _____
- 43) $9 \times 9 =$ _____
- 54) $12 \times 9 =$ _____
- 55) $11 \times 9 =$ _____
- 56) $4 \times 9 =$ _____
- 57) $10 \times 9 =$ _____
- 58) $3 \times 9 =$ _____
- 69) $10 \times 9 =$ _____
- 70) $3 \times 9 =$ _____

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Write the missing number

- 31) $9 \times \underline{\quad} = 81$
- 32) $9 \times \underline{\quad} = 18$
- 33) $9 \times \underline{\quad} = 9$
- 34) $9 \times \underline{\quad} = 99$
- 35) $9 \times \underline{\quad} = 63$
- 36) $9 \times \underline{\quad} = 36$
- 37) $9 \times \underline{\quad} = 45$
- 38) $9 \times \underline{\quad} = 54$
- 39) $9 \times \underline{\quad} = 90$
- 40) $9 \times \underline{\quad} = 72$

Write the missing number

- 71) $\underline{\quad} \times 9 = 45$
- 72) $\underline{\quad} \times 9 = 54$
- 73) $\underline{\quad} \times 9 = 90$
- 74) $\underline{\quad} \times 9 = 9$
- 75) $\underline{\quad} \times 9 = 108$
- 76) $\underline{\quad} \times 9 = 99$
- 77) $\underline{\quad} \times 9 = 63$
- 78) $\underline{\quad} \times 9 = 18$
- 79) $\underline{\quad} \times 9 = 72$
- 80) $\underline{\quad} \times 9 = 36$

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:

Think of Tens Less One Set (9x): 6 [B]



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

- | | |
|--------------------------|---------------------------|
| 1) $9 \times 3 =$ _____ | 16) $9 \times 4 =$ _____ |
| 2) $9 \times 9 =$ _____ | 17) $9 \times 3 =$ _____ |
| 3) $9 \times 7 =$ _____ | 18) $9 \times 3 =$ _____ |
| 4) $9 \times 5 =$ _____ | 19) $9 \times 6 =$ _____ |
| 5) $9 \times 10 =$ _____ | 20) $9 \times 12 =$ _____ |
| 6) $9 \times 8 =$ _____ | 21) $9 \times 9 =$ _____ |
| 7) $9 \times 10 =$ _____ | 22) $9 \times 1 =$ _____ |
| 8) $9 \times 4 =$ _____ | 23) $9 \times 12 =$ _____ |
| 9) $9 \times 11 =$ _____ | 24) $9 \times 1 =$ _____ |
| 10) 9×4 _____ | |
| 11) 9×12 _____ | |
| 12) 9×5 _____ | |
| 13) 9×2 _____ | |
| 14) 9×0 _____ | |
| 15) 9×7 _____ | |

Turn arounds x9

- | | |
|---------------------------|---------------------------|
| 51) $12 \times 9 =$ _____ | 66) $2 \times 9 =$ _____ |
| 52) $7 \times 9 =$ _____ | 67) $8 \times 9 =$ _____ |
| 53) $11 \times 9 =$ _____ | 68) $6 \times 9 =$ _____ |
| 54) $9 \times 9 =$ _____ | 69) $10 \times 9 =$ _____ |
| 55) $5 \times 9 =$ _____ | 70) $4 \times 9 =$ _____ |
| 56) $2 \times 9 =$ _____ | 71) $5 \times 9 =$ _____ |
| 57) $10 \times 9 =$ _____ | 72) $2 \times 9 =$ _____ |
| 58) $3 \times 9 =$ _____ | 73) $5 \times 9 =$ _____ |
| 59) $3 \times 9 =$ _____ | 74) $8 \times 9 =$ _____ |

This is a

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Write the missing number

- | | | | |
|----------------------------|---------------------------|---------------------------|---------------------------|
| 31) $9 \times$ _____ = 63 | 39) $9 \times$ _____ = 90 | 84) _____ $\times 9 = 90$ | 89) _____ $\times 9 = 0$ |
| 32) $9 \times$ _____ = 108 | 40) $9 \times$ _____ = 0 | 85) _____ $\times 9 = 27$ | 90) _____ $\times 9 = 36$ |
| 33) $9 \times$ _____ = 72 | | | |

Subtraction revision

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

Multiplication revision

- | | |
|---------------------------|----------------------------|
| 91) $12 \times 3 =$ _____ | 96) $4 \times 2 =$ _____ |
| 92) $11 \times 5 =$ _____ | 97) $11 \times 3 =$ _____ |
| 93) $6 \times 10 =$ _____ | 98) $7 \times 3 =$ _____ |
| 94) $8 \times 10 =$ _____ | 99) $7 \times 2 =$ _____ |
| 95) $3 \times 5 =$ _____ | 100) $10 \times 2 =$ _____ |

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. 9x tables (number facts) are learned using a THINK OF TENS LESS ONE SET strategy. Talk about 9 as one less than ten: eg, $7 \times 9 = 7 \text{ tens} - 7 = 63$. There are many other patterns that can be used also. The Revision section includes questions from previous number facts. Have the students record their time taken to complete the page.