

Time:

Score:

Build from Known Facts (7x, ÷7): **9 [A]**



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

7x

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

÷ 7

- | | |
|-------------------------|-------------------------|
| 43) $77 \div 7 =$ _____ | 50) $21 \div 7 =$ _____ |
| 44) $42 \div 7 =$ _____ | 51) $56 \div 7 =$ _____ |
| 45) $49 \div 7 =$ _____ | 52) $7 \div 7 =$ _____ |
| 46) $84 \div 7 =$ _____ | 53) $70 \div 7 =$ _____ |
| 47) $14 \div 7 =$ _____ | 54) $63 \div 7 =$ _____ |
| 48) $21 \div 7 =$ _____ | 55) $28 \div 7 =$ _____ |
| 49) $56 \div 7 =$ _____ | 56) $35 \div 7 =$ _____ |

Turn arounds

- | | |
|--------------------------|--------------------------|
| 15) $5 \times 7 =$ _____ | 22) $6 \times 7 =$ _____ |
| 16) 7×7 _____ | |
| 17) 11×7 _____ | |
| 18) 9×7 _____ | |
| 19) 8×7 _____ | |
| 20) 10×7 _____ | |
| 21) 3×7 _____ | |

Sevenths - extension facts

- | | |
|----------------------------------|----------------------------------|
| 57) $\frac{1}{7}$ of 210 = _____ | 62) $\frac{1}{7}$ of 490 = _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

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7x extension

- | | |
|---------------------------|---------------------------|
| 29) 7×10 _____ | |
| 30) 7×20 _____ | |
| 31) 7×80 _____ | |
| 32) 7×30 _____ | |
| 33) $7 \times 50 =$ _____ | 40) $7 \times 70 =$ _____ |
| 34) $7 \times 60 =$ _____ | 41) $7 \times 20 =$ _____ |
| 35) $7 \times 60 =$ _____ | 42) $7 \times 40 =$ _____ |

- | | |
|--------------------------|--------------------------|
| 71) $350 \div 7 =$ _____ | 78) $140 \div 7 =$ _____ |
| 72) $560 \div 7 =$ _____ | 79) $490 \div 7 =$ _____ |
| 73) $280 \div 7 =$ _____ | 80) $490 \div 7 =$ _____ |

Revision with extension facts

- | | | | |
|---------------------------|---------------------------|-------------------------|---------------------------|
| 81) $40 \times 4 =$ _____ | 86) $70 + 80 =$ _____ | 91) $45 \div 5 =$ _____ | 96) $270 \div 3 =$ _____ |
| 82) $80 \times 9 =$ _____ | 87) $70 + 90 =$ _____ | 92) $36 \div 6 =$ _____ | 97) $150 \div 5 =$ _____ |
| 83) $90 \times 7 =$ _____ | 88) $90 + 70 =$ _____ | 93) $16 \div 4 =$ _____ | 98) $560 \div 7 =$ _____ |
| 84) $70 \times 5 =$ _____ | 89) $80 \times 7 =$ _____ | 94) $45 \div 9 =$ _____ | 99) $810 \div 9 =$ _____ |
| 85) $60 + 80 =$ _____ | 90) $40 + 60 =$ _____ | 95) $72 \div 8 =$ _____ | 100) $400 \div 8 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day Level 3: Extended Multiplication & Division Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. 7x tables (number facts) are a difficult set of facts, which can be learned with a BUILDING FROM KNOWN FACTS strategy: eg, $6 \times 7 = 6 \times 6 + 6$ more = 42. All 7x facts will have been covered in other sets by this stage.

Time:

Score:

Build from Known Facts (7x, ÷7): 9 [B]



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

7x

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

÷ 7

- | | |
|-------------------------|-------------------------|
| 29) $35 \div 7 =$ _____ | 36) $14 \div 7 =$ _____ |
| 30) $63 \div 7 =$ _____ | 37) $70 \div 7 =$ _____ |
| 31) $42 \div 7 =$ _____ | 38) $84 \div 7 =$ _____ |
| 32) $77 \div 7 =$ _____ | 39) $28 \div 7 =$ _____ |
| 33) $56 \div 7 =$ _____ | 40) $49 \div 7 =$ _____ |
| 34) $42 \div 7 =$ _____ | 41) $7 \div 7 =$ _____ |
| 35) $14 \div 7 =$ _____ | 42) $21 \div 7 =$ _____ |

Turn arounds

- | | |
|--------------------------|---------------------------|
| 15) $4 \times 7 =$ _____ | 22) $12 \times 7 =$ _____ |
| 16) 9×7 _____ | |
| 17) 6×7 _____ | |
| 18) 2×7 _____ | |
| 19) 8×7 _____ | |
| 20) 5×7 _____ | |
| 21) 10×7 _____ | |

Sevenths - extension facts

- | | |
|----------------------------------|----------------------------------|
| 43) $\frac{1}{7}$ of 770 = _____ | 48) $\frac{1}{7}$ of 140 = _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |



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Multiplication

- | | |
|----------------------------|----------------------------|
| 53) $7 \times 1.$ _____ | |
| 54) $7 \times 1.$ _____ | |
| 55) $7 \times 0.$ _____ | |
| 56) $7 \times 0.$ _____ | |
| 57) $7 \times 0.2 =$ _____ | 64) $7 \times 0.3 =$ _____ |
| 58) $7 \times 0.6 =$ _____ | 65) $7 \times 0.8 =$ _____ |
| 59) $7 \times 0.2 =$ _____ | 66) $7 \times 0.6 =$ _____ |

- | | |
|--------------------------|--------------------------|
| 71) $7 \div 7 =$ _____ | 78) $4.9 \div 7 =$ _____ |
| 72) $2.1 \div 7 =$ _____ | 79) $0.7 \div 7 =$ _____ |
| 73) $2.8 \div 7 =$ _____ | 80) $5.6 \div 7 =$ _____ |

Revision with extension facts

- | | | | |
|--------------------------|--------------------------|-------------------------|---------------------------|
| 81) $8 + 4 =$ _____ | 86) $90 + 60 =$ _____ | 91) $21 \div 3 =$ _____ | 96) $210 \div 7 =$ _____ |
| 82) $9 \times 5 =$ _____ | 87) $5 \times 5 =$ _____ | 92) $45 \div 9 =$ _____ | 97) $320 \div 4 =$ _____ |
| 83) $8 + 7 =$ _____ | 88) $5 + 7 =$ _____ | 93) $9 \div 3 =$ _____ | 98) $560 \div 7 =$ _____ |
| 84) $7 \times 5 =$ _____ | 89) $4 \times 5 =$ _____ | 94) $24 \div 4 =$ _____ | 99) $180 \div 3 =$ _____ |
| 85) $4 \times 6 =$ _____ | 90) $3 + 6 =$ _____ | 95) $36 \div 9 =$ _____ | 100) $630 \div 9 =$ _____ |

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Time:

Score:

Build from Known Facts (7x, ÷7): 9 [C]



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

7x

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

÷ 7

- | | |
|-------------------------|-------------------------|
| 43) $56 \div 7 =$ _____ | 50) $42 \div 7 =$ _____ |
| 44) $49 \div 7 =$ _____ | 51) $14 \div 7 =$ _____ |
| 45) $35 \div 7 =$ _____ | 52) $7 \div 7 =$ _____ |
| 46) $49 \div 7 =$ _____ | 53) $21 \div 7 =$ _____ |
| 47) $28 \div 7 =$ _____ | 54) $84 \div 7 =$ _____ |
| 48) $77 \div 7 =$ _____ | 55) $63 \div 7 =$ _____ |
| 49) $77 \div 7 =$ _____ | 56) $70 \div 7 =$ _____ |

Turn arounds

- | | |
|---------------------------|--------------------------|
| 15) $9 \times 7 =$ _____ | 22) $7 \times 7 =$ _____ |
| 16) $12 \times 7 =$ _____ | |
| 17) $10 \times 7 =$ _____ | |
| 18) $1 \times 7 =$ _____ | |
| 19) $4 \times 7 =$ _____ | |
| 20) $11 \times 7 =$ _____ | |
| 21) $8 \times 7 =$ _____ | |

Sevenths - extension facts

- | | |
|----------------------------------|----------------------------------|
| 57) $\frac{1}{7}$ of 420 = _____ | 62) $\frac{1}{7}$ of 210 = _____ |
| | 0 = _____ |
| | 0 = _____ |
| | 0 = _____ |
| | 0 = _____ |

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7x extension

- | | |
|---------------------------|----------------------------|
| 29) $7 \times 70 =$ _____ | |
| 30) $7 \times 20 =$ _____ | |
| 31) $7 \times 50 =$ _____ | |
| 32) $7 \times 30 =$ _____ | |
| 33) $7 \times 10 =$ _____ | 40) $7 \times 100 =$ _____ |
| 34) $7 \times 90 =$ _____ | 41) $7 \times 20 =$ _____ |
| 35) $7 \times 40 =$ _____ | 42) $7 \times 60 =$ _____ |

- | | |
|--------------------------|--------------------------|
| 71) $350 \div 7 =$ _____ | 78) $420 \div 7 =$ _____ |
| 72) $210 \div 7 =$ _____ | 79) $560 \div 7 =$ _____ |
| 73) $490 \div 7 =$ _____ | 80) $490 \div 7 =$ _____ |

Addition: Count on with tenths

- | | |
|-------------------------|-------------------------|
| 81) $0.3 + 0.1 =$ _____ | 86) $0.8 + 0.3 =$ _____ |
| 82) $0.5 + 0.1 =$ _____ | 87) $0.8 + 0.1 =$ _____ |
| 83) $0.0 + 0.1 =$ _____ | 88) $0.2 + 0.2 =$ _____ |
| 84) $0.4 + 0.2 =$ _____ | 89) $0.2 + 0.1 =$ _____ |
| 85) $0.3 + 0.3 =$ _____ | 90) $0.5 + 0.2 =$ _____ |

Subtraction: Count back with tenths

- | | |
|-------------------------|--------------------------|
| 91) $1.1 - 0.2 =$ _____ | 92) $1.3 - 0.3 =$ _____ |
| 93) $1.0 - 0.1 =$ _____ | 94) $1.3 - 0.2 =$ _____ |
| 95) $1.2 - 0.2 =$ _____ | 96) $1.2 - 0.1 =$ _____ |
| 97) $1.0 - 0.2 =$ _____ | 98) $1.1 - 0.3 =$ _____ |
| 99) $0.9 - 0.2 =$ _____ | 100) $1.2 - 0.3 =$ _____ |

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