

Name: _____

Score: _____

Doubling 3-digit Numbers; 8x: 7 [C]



$\frac{+}{-}$	Ct On	Diff of	Rnbw 100	Dbl+1	Nr 10	Rem	Dble	Hlve	"Nice"	$\times+10,100$
$\frac{\times}{\div}$	2	5,10	3	4	9	6	8	7	11,12	Revision
	Order of Operations				1	2	3	4	5	6

Doubling 3-digit numbers with regrouping

Start with the hundreds, then double the tens and the ones. If regrouping is required, try to remember that the extra one is needed without writing it down. If needed, each digit can be written lightly, so that if regrouping is needed, the digit can be overwritten with the new value, as on worksheet 7[A]. Some of these questions will require extra time to reach the answer.

Doubling 3-digit numbers

- | | | |
|---------------------------|----------------------------|----------------------------|
| 1) $443 \times 2 =$ _____ | 6) $131 \times 2 =$ _____ | 11) $390 \times 2 =$ _____ |
| 2) $340 \times 2 =$ _____ | 7) $278 \times 2 =$ _____ | 12) $263 \times 2 =$ _____ |
| 3) $133 \times 2 =$ _____ | 8) $207 \times 2 =$ _____ | 13) $402 \times 2 =$ _____ |
| 4) $422 \times 2 =$ _____ | 9) $58 \times 2 =$ _____ | 14) $258 \times 2 =$ _____ |
| 5) $471 \times 2 =$ _____ | 10) $254 \times 2 =$ _____ | 15) $181 \times 2 =$ _____ |

Order of operations

- 16) $(3^2 - 4) \times 2$
 17) $(12 - 4) \div 2$
 18) $(6 + 7^2) \div 2$
 19) $4 \times 9 + 5$
 20) $2 \times (2 + 3)$

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Multiplication

- | | | | | | | | | | | | | | |
|----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------|--------------------------|
| 31) $110 \times 8 =$ _____ | 32) $90 \times 8 =$ _____ | 33) $20 \times 8 =$ _____ | 34) $10 \times 8 =$ _____ | 35) $3 \times 800 =$ _____ | 38) $60 \times 8 =$ _____ | 39) $0 \times 80 =$ _____ | 40) $40 \times 8 =$ _____ | 45) $560 \div 8 =$ _____ | 46) $720 \div 8 =$ _____ | 47) $1,600 \div 8 =$ _____ | 48) $800 \div 8 =$ _____ | 49) $240 \div 8 =$ _____ | 50) $160 \div 8 =$ _____ |
|----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------|--------------------------|

Addition: Rainbow facts to 100

- | | |
|------------------------------------|------------------------------------|
| 51) $34 + \underline{\quad} = 100$ | 56) $88 + \underline{\quad} = 100$ |
| 52) $40 + \underline{\quad} = 100$ | 57) $82 + \underline{\quad} = 100$ |
| 53) $75 + \underline{\quad} = 100$ | 58) $33 + \underline{\quad} = 100$ |
| 54) $25 + \underline{\quad} = 100$ | 59) $83 + \underline{\quad} = 100$ |
| 55) $89 + \underline{\quad} = 100$ | 60) $47 + \underline{\quad} = 100$ |

Subtraction: Rainbow facts to 100

- | | |
|------------------------------------|------------------------------------|
| 61) $100 - \underline{\quad} = 92$ | 66) $100 - \underline{\quad} = 36$ |
| 62) $100 - \underline{\quad} = 27$ | 67) $100 - \underline{\quad} = 85$ |
| 63) $100 - \underline{\quad} = 14$ | 68) $100 - \underline{\quad} = 31$ |
| 64) $100 - \underline{\quad} = 75$ | 69) $100 - \underline{\quad} = 93$ |
| 65) $100 - \underline{\quad} = 35$ | 70) $100 - \underline{\quad} = 96$ |

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Score: _____

Doubling 3-digit Numbers; 8x: 7 [D]



$\frac{+}{-}$	Ct On	Diff of	Rnbw 100	Dbl+1	Nr 10	Rem	Dble	Hlve	"Nice"	x+10,100
$\frac{\div}{\times}$	2	5,10	3	4	9	6	8	7	11,12	Revision
	Order of Operations				1	2	3	4	5	6

Doubling 3-digit numbers

- | | | |
|---------------------------|----------------------------|----------------------------|
| 1) $58 \times 2 =$ _____ | 6) $609 \times 2 =$ _____ | 11) $743 \times 2 =$ _____ |
| 2) $533 \times 2 =$ _____ | 7) $67 \times 2 =$ _____ | 12) $341 \times 2 =$ _____ |
| 3) $742 \times 2 =$ _____ | 8) $709 \times 2 =$ _____ | 13) $242 \times 2 =$ _____ |
| 4) $159 \times 2 =$ _____ | 9) $472 \times 2 =$ _____ | 14) $257 \times 2 =$ _____ |
| 5) $734 \times 2 =$ _____ | 10) $761 \times 2 =$ _____ | 15) $480 \times 2 =$ _____ |

Order of operations

- 16) $(15 - 8) \times 6 =$ _____ 21) $5 \times (9 - 5) =$ _____ 26) $30 \div 5 + 9 =$ _____

- 17) $8 \times (2^2 +$ _____
- 18) $(12 - 8) \times$ _____
- 19) $(15 - 9) \times$ _____
- 20) $(18 - 9) \times$ _____

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Multiplication

- | | | | |
|-----------------------------|----------------------------|-------------------------|-------------------------|
| 31) 8×0.0 _____ | 39) $8 \times 0.9 =$ _____ | 44) $35 \div 8 =$ _____ | 49) $46 \div 8 =$ _____ |
| 32) 8×1.2 _____ | 40) $8 \times 1.0 =$ _____ | 45) $19 \div 8 =$ _____ | 50) $72 \div 8 =$ _____ |
| 33) 8×0.8 _____ | | | |
| 34) $8 \times 0.7 =$ _____ | | | |
| 35) $8 \times 0.01 =$ _____ | | | |

Addition: Rainbow facts to 100

- | | |
|--------------------------|--------------------------|
| 51) $26 +$ _____ $= 100$ | 56) $42 +$ _____ $= 100$ |
| 52) $65 +$ _____ $= 100$ | 57) $72 +$ _____ $= 100$ |
| 53) $28 +$ _____ $= 100$ | 58) $68 +$ _____ $= 100$ |
| 54) $38 +$ _____ $= 100$ | 59) $93 +$ _____ $= 100$ |
| 55) $43 +$ _____ $= 100$ | 60) $35 +$ _____ $= 100$ |

Subtraction: Rainbow facts to 100

- | | |
|--------------------------|--------------------------|
| 61) $100 -$ _____ $= 97$ | 66) $100 -$ _____ $= 58$ |
| 62) $100 -$ _____ $= 24$ | 67) $100 -$ _____ $= 99$ |
| 63) $100 -$ _____ $= 66$ | 68) $100 -$ _____ $= 28$ |
| 64) $100 -$ _____ $= 83$ | 69) $100 -$ _____ $= 62$ |
| 65) $100 -$ _____ $= 30$ | 70) $100 -$ _____ $= 52$ |

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Doubling 3-digit Numbers; 8x: **7 [C]**



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Doubling 3-digit numbers with regrouping

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Doubling 3-digit numbers

- | | | |
|-------------------------------------|--------------------------------------|--------------------------------------|
| 1) $443 \times 2 = \underline{886}$ | 6) $131 \times 2 = \underline{262}$ | 11) $390 \times 2 = \underline{780}$ |
| 2) $340 \times 2 = \underline{680}$ | 7) $278 \times 2 = \underline{556}$ | 12) $263 \times 2 = \underline{526}$ |
| 3) $133 \times 2 = \underline{266}$ | 8) $207 \times 2 = \underline{414}$ | 13) $402 \times 2 = \underline{804}$ |
| 4) $422 \times 2 = \underline{844}$ | 9) $58 \times 2 = \underline{116}$ | 14) $258 \times 2 = \underline{516}$ |
| 5) $471 \times 2 = \underline{942}$ | 10) $254 \times 2 = \underline{508}$ | 15) $181 \times 2 = \underline{362}$ |

Order of operations

- 16) $(3^2 - 4) \times 2$
 17) $(12 - 4) \div 2$
 18) $(6 + 7^2) \div 2$
 19) $4 \times 9 + 5$
 20) $2 \times (2 + 3)$



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Multiplication

- | | | | | | | | | | | | | | |
|--------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|--|-------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|-----------------------------------|--------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|
| 31) $110 \times 8 = \underline{880}$ | 32) $90 \times 8 = \underline{720}$ | 33) $20 \times 8 = \underline{160}$ | 34) $10 \times 8 = \underline{80}$ | 35) $3 \times 800 = \underline{2,400}$ | 38) $60 \times 8 = \underline{480}$ | 39) $0 \times 80 = \underline{0}$ | 40) $40 \times 8 = \underline{320}$ | 45) $560 \div 8 = \underline{70}$ | 46) $720 \div 8 = \underline{90}$ | 47) $1,600 \div 8 = \underline{200}$ | 48) $800 \div 8 = \underline{100}$ | 49) $240 \div 8 = \underline{30}$ | 50) $160 \div 8 = \underline{20}$ |
|--------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|--|-------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|-----------------------------------|--------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|

Addition: Rainbow facts to 100

- | | | | | | | | | | |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 51) $34 + \underline{66} = 100$ | 52) $40 + \underline{60} = 100$ | 53) $75 + \underline{25} = 100$ | 54) $25 + \underline{75} = 100$ | 55) $89 + \underline{11} = 100$ | 56) $88 + \underline{12} = 100$ | 57) $82 + \underline{18} = 100$ | 58) $33 + \underline{67} = 100$ | 59) $83 + \underline{17} = 100$ | 60) $47 + \underline{53} = 100$ |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|

Subtraction: Rainbow facts to 100

- | | | | | | | | | | |
|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|
| 61) $100 - \underline{8} = 92$ | 62) $100 - \underline{73} = 27$ | 63) $100 - \underline{86} = 14$ | 64) $100 - \underline{25} = 75$ | 65) $100 - \underline{65} = 35$ | 66) $100 - \underline{64} = 36$ | 67) $100 - \underline{15} = 85$ | 68) $100 - \underline{69} = 31$ | 69) $100 - \underline{7} = 93$ | 70) $100 - \underline{4} = 96$ |
|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|

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