

Name: \_\_\_\_\_

Score: \_\_\_\_\_

Doubling 2-digit Numbers; 8x: 7 [ A ]



$\frac{+}{-}$	Ct On	Diff of	Rnbw 100	Dbl+1	Nr 10	Rem	Dble	Hlve	"Nice"	x+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 2-digit Numbers**

Start by doubling the tens. For example, Double 46: double 4 = 8. Try to remember this number. If you need to, you can write the 8 very lightly until you have doubled the ones.  
 Now double the ones: double 6 = 12. Add the ten to the 8 tens, write "9" (if you wrote "8" softly, write over it with "9"). Then record the remaining ones, "2". Double 46 = 92.

**Doubling 2-digit numbers**

- |                          |                           |                           |                           |
|--------------------------|---------------------------|---------------------------|---------------------------|
| 1) $43 \times 2 =$ _____ | 6) $85 \times 2 =$ _____  | 11) $82 \times 2 =$ _____ | 16) $60 \times 2 =$ _____ |
| 2) $30 \times 2 =$ _____ | 7) $63 \times 2 =$ _____  | 12) $18 \times 2 =$ _____ | 17) $44 \times 2 =$ _____ |
| 3) $52 \times 2 =$ _____ | 8) $72 \times 2 =$ _____  | 13) $70 \times 2 =$ _____ | 18) $69 \times 2 =$ _____ |
| 4) $48 \times 2 =$ _____ | 9) $27 \times 2 =$ _____  | 14) $48 \times 2 =$ _____ | 19) $95 \times 2 =$ _____ |
| 5) $93 \times 2 =$ _____ | 10) $88 \times 2 =$ _____ | 15) $20 \times 2 =$ _____ | 20) $86 \times 2 =$ _____ |

**Order of op**

- 21)  $(2 + 3) \times$  \_\_\_\_\_  
 22)  $(1 + 3) \times$  \_\_\_\_\_  
 23)  $4 + 2 \times 3$  \_\_\_\_\_  
 24)  $(18 - 2) \div$  \_\_\_\_\_  
 25)  $(18 - 9) \div$  \_\_\_\_\_

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**Multiplicati**

- |                           |                           |                           |                         |
|---------------------------|---------------------------|---------------------------|-------------------------|
| 36) $6 \times 8 =$ _____  | 41) $16 \times 8 =$ _____ | 46) $24 \times 8 =$ _____ | 51) $88 \div 8 =$ _____ |
| 37) $4 \times 8 =$ _____  | 42) $24 \times 8 =$ _____ | 47) $32 \times 8 =$ _____ | 52) $48 \div 8 =$ _____ |
| 38) $8 \times 8 =$ _____  | 43) $1 \times 8 =$ _____  | 48) $40 \times 8 =$ _____ | 53) $32 \div 8 =$ _____ |
| 39) $10 \times 8 =$ _____ | 44) $12 \times 8 =$ _____ | 49) $48 \times 8 =$ _____ | 54) $72 \div 8 =$ _____ |
| 40) $2 \times 8 =$ _____  | 45) $11 \times 8 =$ _____ | 50) $56 \times 8 =$ _____ | 55) $56 \div 8 =$ _____ |

**Addition: Rainbow facts to 100**

- |                          |                          |
|--------------------------|--------------------------|
| 56) $28 +$ _____ $= 100$ | 61) $70 +$ _____ $= 100$ |
| 57) $79 +$ _____ $= 100$ | 62) $98 +$ _____ $= 100$ |
| 58) $73 +$ _____ $= 100$ | 63) $61 +$ _____ $= 100$ |
| 59) $37 +$ _____ $= 100$ | 64) $26 +$ _____ $= 100$ |
| 60) $48 +$ _____ $= 100$ | 65) $83 +$ _____ $= 100$ |

**Subtraction: Rainbow facts to 100**

- |                          |                          |
|--------------------------|--------------------------|
| 66) $100 -$ _____ $= 40$ | 71) $100 -$ _____ $= 89$ |
| 67) $100 -$ _____ $= 3$  | 72) $100 -$ _____ $= 39$ |
| 68) $100 -$ _____ $= 37$ | 73) $100 -$ _____ $= 31$ |
| 69) $100 -$ _____ $= 94$ | 74) $100 -$ _____ $= 59$ |
| 70) $100 -$ _____ $= 85$ | 75) $100 -$ _____ $= 83$ |

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Name: \_\_\_\_\_

Score: \_\_\_\_\_

Doubling 2-digit Numbers; 8x: 7 [ B ]



$\frac{+}{-}$	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 2-digit numbers**

- |                          |                           |                           |                           |
|--------------------------|---------------------------|---------------------------|---------------------------|
| 1) $69 \times 2 =$ _____ | 6) $92 \times 2 =$ _____  | 11) $93 \times 2 =$ _____ | 16) $98 \times 2 =$ _____ |
| 2) $13 \times 2 =$ _____ | 7) $47 \times 2 =$ _____  | 12) $87 \times 2 =$ _____ | 17) $90 \times 2 =$ _____ |
| 3) $86 \times 2 =$ _____ | 8) $66 \times 2 =$ _____  | 13) $73 \times 2 =$ _____ | 18) $75 \times 2 =$ _____ |
| 4) $27 \times 2 =$ _____ | 9) $62 \times 2 =$ _____  | 14) $68 \times 2 =$ _____ | 19) $21 \times 2 =$ _____ |
| 5) $54 \times 2 =$ _____ | 10) $57 \times 2 =$ _____ | 15) $78 \times 2 =$ _____ | 20) $64 \times 2 =$ _____ |

**Order of operations**

- 21)  $6 \times (8 + 2) =$  \_\_\_\_\_      26)  $(2 + 6) \times (6 - 2) =$  \_\_\_\_\_      31)  $5 + 35 \div 5 =$  \_\_\_\_\_

- 22)  $(9 + 6) \div$  \_\_\_\_\_  
 23)  $(7 - 6) \times$  \_\_\_\_\_  
 24)  $(2 + 2) \times$  \_\_\_\_\_  
 25)  $(14 - 2) \div$  \_\_\_\_\_

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**Multiplication**

- |                             |                             |                                  |
|-----------------------------|-----------------------------|----------------------------------|
| 36) $8 \times 1.2 =$ _____  | 41) $8 \times 0.08 =$ _____ | 46) $8 \times 0.08 =$ _____      |
| 37) $8 \times 0.08 =$ _____ | 42) $8 \times 0.08 =$ _____ | 47) $8 \times 0.08 =$ _____      |
| 38) $8 \times 0.08 =$ _____ | 43) $8 \times 0.08 =$ _____ | 48) $8 \times 0.08 =$ _____      |
| 39) $8 \times 0.08 =$ _____ | 44) $8 \times 0.08 =$ _____ | 49) $\frac{1}{8}$ of 48 = _____  |
| 40) $8 \times 0.11 =$ _____ | 45) $8 \times 1.2 =$ _____  | 54) $\frac{1}{8}$ of 640 = _____ |
|                             |                             | 50) $\frac{1}{8}$ of 24 = _____  |
|                             |                             | 55) $\frac{1}{8}$ of 720 = _____ |



**Addition: Rainbow facts to 100**

- |                          |                          |
|--------------------------|--------------------------|
| 56) $24 +$ _____ $= 100$ | 61) $57 +$ _____ $= 100$ |
| 57) $54 +$ _____ $= 100$ | 62) $28 +$ _____ $= 100$ |
| 58) $46 +$ _____ $= 100$ | 63) $50 +$ _____ $= 100$ |
| 59) $62 +$ _____ $= 100$ | 64) $85 +$ _____ $= 100$ |
| 60) $60 +$ _____ $= 100$ | 65) $10 +$ _____ $= 100$ |

**Subtraction: Rainbow facts to 100**

- |                          |                          |
|--------------------------|--------------------------|
| 66) $100 -$ _____ $= 94$ | 71) $100 -$ _____ $= 52$ |
| 67) $100 -$ _____ $= 92$ | 72) $100 -$ _____ $= 63$ |
| 68) $100 -$ _____ $= 54$ | 73) $100 -$ _____ $= 48$ |
| 69) $100 -$ _____ $= 81$ | 74) $100 -$ _____ $= 89$ |
| 70) $100 -$ _____ $= 18$ | 75) $100 -$ _____ $= 82$ |

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Doubling 2-digit Numbers; 8x: **7 [ A ]**



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

### Doubling 2-digit Numbers

Start by doubling the tens. For example, Double 46: double 4 = 8. Try to remember this number. If you need to, you can write the 8 very lightly until you have doubled the ones.  
Now double the ones: double 6 = 12. Add the ten to the 8 tens, write "9" (if you wrote "8" softly, write over it with "9"). Then record the remaining ones, "2". Double 46 = 92.

### Doubling 2-digit numbers

- |                                    |                                     |                                     |                                     |
|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1) $43 \times 2 = \underline{86}$  | 6) $85 \times 2 = \underline{170}$  | 11) $82 \times 2 = \underline{164}$ | 16) $60 \times 2 = \underline{120}$ |
| 2) $30 \times 2 = \underline{60}$  | 7) $63 \times 2 = \underline{126}$  | 12) $18 \times 2 = \underline{36}$  | 17) $44 \times 2 = \underline{88}$  |
| 3) $52 \times 2 = \underline{104}$ | 8) $72 \times 2 = \underline{144}$  | 13) $70 \times 2 = \underline{140}$ | 18) $69 \times 2 = \underline{138}$ |
| 4) $48 \times 2 = \underline{96}$  | 9) $27 \times 2 = \underline{54}$   | 14) $48 \times 2 = \underline{96}$  | 19) $95 \times 2 = \underline{190}$ |
| 5) $93 \times 2 = \underline{186}$ | 10) $88 \times 2 = \underline{176}$ | 15) $20 \times 2 = \underline{40}$  | 20) $86 \times 2 = \underline{172}$ |

### Order of operations

- 21)  $(2 + 3) \times 4 = \underline{20}$   
 22)  $(1 + 3) \times 2 = \underline{8}$   
 23)  $4 + 2 \times 3 = \underline{10}$   
 24)  $(18 - 2) \div 4 = \underline{4}$   
 25)  $(18 - 9) \div 3 = \underline{3}$

This is a

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### Multiplication

- |                                    |                                     |                                     |                                  |
|------------------------------------|-------------------------------------|-------------------------------------|----------------------------------|
| 36) $6 \times 8 = \underline{48}$  | 41) $16 \times 8 = \underline{128}$ | 46) $24 \times 8 = \underline{192}$ | 51) $88 \div 8 = \underline{11}$ |
| 37) $4 \times 8 = \underline{32}$  | 42) $24 \times 8 = \underline{192}$ | 47) $32 \times 8 = \underline{256}$ | 52) $48 \div 8 = \underline{6}$  |
| 38) $8 \times 8 = \underline{64}$  | 43) $1 \times 8 = \underline{8}$    | 48) $40 \times 8 = \underline{320}$ | 53) $32 \div 8 = \underline{4}$  |
| 39) $10 \times 8 = \underline{80}$ | 44) $12 \times 8 = \underline{96}$  | 49) $48 \times 8 = \underline{384}$ | 54) $72 \div 8 = \underline{9}$  |
| 40) $2 \times 8 = \underline{16}$  | 45) $11 \times 8 = \underline{88}$  | 50) $24 \div 8 = \underline{3}$     | 55) $56 \div 8 = \underline{7}$  |

### Addition: Rainbow facts to 100

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 56) $28 + \underline{72} = 100$ | 61) $70 + \underline{30} = 100$ |
| 57) $79 + \underline{21} = 100$ | 62) $98 + \underline{2} = 100$  |
| 58) $73 + \underline{27} = 100$ | 63) $61 + \underline{39} = 100$ |
| 59) $37 + \underline{63} = 100$ | 64) $26 + \underline{74} = 100$ |
| 60) $48 + \underline{52} = 100$ | 65) $83 + \underline{17} = 100$ |

### Subtraction: Rainbow facts to 100

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 66) $100 - \underline{60} = 40$ | 71) $100 - \underline{11} = 89$ |
| 67) $100 - \underline{97} = 3$  | 72) $100 - \underline{61} = 39$ |
| 68) $100 - \underline{63} = 37$ | 73) $100 - \underline{69} = 31$ |
| 69) $100 - \underline{6} = 94$  | 74) $100 - \underline{41} = 59$ |
| 70) $100 - \underline{15} = 85$ | 75) $100 - \underline{17} = 83$ |

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