

Name:

Score:

Rainbow Facts; 3x: 3 [A]



$\frac{+}{-}$	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

Multiplication and Division (without Brackets or Parentheses)

Multiplication and division have the same precedence when they appear in the same expression. This means that neither one is done routinely before the other. Multiplication and division are completed in the order in which they appear, from left to right. For example: $24 \div 4 \times 3 = 18$.

Order of operations

- 1) $8 \times 2 \div 4 =$ _____
- 2) $4 \times 9 \div 2 =$ _____
- 3) $18 \div 9 \times 3 =$ _____
- 4) $4 \times 5 \div 2 =$ _____
- 5) $12 \div 2 \times 3 =$ _____
- 6) $4 \div 2 \times 2 =$ _____
- 7) $3 \times 8 \div 6 =$ _____
- 8) $5 \times 6 \div 2 =$ _____
- 9) $9 \times 5 \div 9 =$ _____
- 10) $36 \div 6 \times 5 =$ _____
- 11) $36 \div 6 \times 5 =$ _____
- 12) $4 \times 9 \div 4 =$ _____
- 13) $2 \times 6 \div 4 =$ _____
- 14) $45 \div 5 \times 9 =$ _____

Addition: Rainbow facts to 100

- 16) _____ + 6 = _____
- 17) _____ + 7 = _____
- 18) _____ + 2 = _____
- 19) _____ + 8 = _____
- 20) _____ + 9 = _____

Multiplication: Rainbow facts to 100

- 36) $3 \times 3 =$ _____
- 37) $3 \times 4 =$ _____
- 38) $3 \times 9 =$ _____
- 39) $3 \times 10 =$ _____
- 40) $3 \times 8 =$ _____
- 43) $3 \times 1 =$ _____
- 44) $3 \times 12 =$ _____
- 45) $3 \times 6 =$ _____

- 50) $18 \div 3 =$ _____
- 51) $15 \div 3 =$ _____
- 52) $21 \div 3 =$ _____
- 53) $27 \div 3 =$ _____
- 54) $36 \div 3 =$ _____
- 55) $33 \div 3 =$ _____

Addition: Rainbow facts to 100

- 56) $63 +$ _____ $= 100$
- 57) $89 +$ _____ $= 100$
- 58) $5 +$ _____ $= 100$
- 59) $85 +$ _____ $= 100$
- 60) $27 +$ _____ $= 100$
- 61) $31 +$ _____ $= 100$
- 62) $79 +$ _____ $= 100$
- 63) $34 +$ _____ $= 100$
- 64) $16 +$ _____ $= 100$
- 65) $8 +$ _____ $= 100$

Subtraction: Rainbow facts to 100

- 66) $100 -$ _____ $= 41$
- 67) $100 -$ _____ $= 17$
- 68) $100 -$ _____ $= 31$
- 69) $100 -$ _____ $= 39$
- 70) $100 -$ _____ $= 92$
- 71) $100 -$ _____ $= 7$
- 72) $100 -$ _____ $= 96$
- 73) $100 -$ _____ $= 20$
- 74) $100 -$ _____ $= 88$
- 75) $100 -$ _____ $= 34$

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Name: _____

Score: _____

Rainbow Facts; 3x: **3 [B]**



$\frac{+}{-}$	Ct On	Diff of	Rnbw 100	Dbl+1	Nr 10	Rem	Dble	Hlve	"Nice"	x+10,100
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	Order of Operations				1	2	3	4	5	6

Order of operations

- | | | |
|---------------------------------|----------------------------------|----------------------------------|
| 1) $6 \times 2 \div 4 =$ _____ | 6) $27 \div 9 \times 7 =$ _____ | 11) $36 \div 6 \times 5 =$ _____ |
| 2) $32 \div 8 \times 2 =$ _____ | 7) $5 \times 6 \div 5 =$ _____ | 12) $4 \times 9 \div 4 =$ _____ |
| 3) $4 \times 5 \div 2 =$ _____ | 8) $32 \div 4 \times 3 =$ _____ | 13) $2 \times 6 \div 4 =$ _____ |
| 4) $21 \div 3 \times 5 =$ _____ | 9) $30 \div 6 \times 4 =$ _____ | 14) $45 \div 5 \times 9 =$ _____ |
| 5) $7 \times 3 \div 7 =$ _____ | 10) $14 \div 2 \times 3 =$ _____ | 15) $32 \div 8 \times 6 =$ _____ |

Addition: Rainbow facts to 100

- 16) $73 +$ _____
 17) $83 +$ _____
 18) $45 +$ _____
 19) $100 +$ _____
 20) $30 +$ _____

Subtraction: Rainbow facts to 100

- _____ = 8
 _____ = 56
 _____ = 90
 _____ = 57
 _____ = 93

Multiplication

- 36) $3 \times 3 =$ _____
 37) $5 \times$ _____
 38) _____ $\times 3 =$ _____
 39) $1 \times$ _____
 40) _____ $\times 3 = 30$ 45) $7 \times$ _____ $= 21$

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- 49) $\frac{1}{3}$ of 27 = _____ 54) $\frac{1}{3}$ of 2,400 = _____
 50) $\frac{1}{3}$ of 33 = _____ 55) $\frac{1}{3}$ of 180 = _____



Multiplication extension (3x)

- | | |
|----------------------------|----------------------------|
| 56) $3 \times 40 =$ _____ | 61) $3 \times 90 =$ _____ |
| 57) $3 \times 600 =$ _____ | 62) $3 \times 500 =$ _____ |
| 58) $30 \times 3 =$ _____ | 63) $30 \times 8 =$ _____ |
| 59) $30 \times 10 =$ _____ | 64) $30 \times 2 =$ _____ |
| 60) $300 \times 7 =$ _____ | 65) $3 \times 700 =$ _____ |

Division extension ($\div 3$)

- | | |
|--------------------------|--------------------------|
| 66) $300 \div 3 =$ _____ | 71) $240 \div 3 =$ _____ |
| 67) $900 \div 3 =$ _____ | 72) $360 \div 3 =$ _____ |
| 68) $180 \div 3 =$ _____ | 73) $270 \div 3 =$ _____ |
| 69) $210 \div 3 =$ _____ | 74) $600 \div 3 =$ _____ |
| 70) $150 \div 3 =$ _____ | 75) $180 \div 3 =$ _____ |

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Name: _____

Score: _____

Rainbow Facts; 3x: **3 [C]**



$\frac{+}{-}$	Ct On	Diff of	Rnbw 100	Dbl+1	Nr 10	Rem	Dble	Hlve	"Nice"	x+10,100
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	Order of Operations				1	2	3	4	5	6

Order of operations

- | | | |
|---------------------------|---------------------------------|---------------------------------|
| 1) $6 - 1 + 9 =$ _____ | 6) $8 + (6 - 3) =$ _____ | 11) $12 - 8 + 8 =$ _____ |
| 2) $13 - (1 + 8) =$ _____ | 7) $2 \times 8 \div 4 =$ _____ | 12) $(1 + 5) - 3 =$ _____ |
| 3) $9 - (4 + 5) =$ _____ | 8) $12 - 6 + 6 =$ _____ | 13) $(8 + 5) - 4 =$ _____ |
| 4) $(8 - 2) + 5 =$ _____ | 9) $16 \div 4 \times 5 =$ _____ | 14) $5 \times 4 \div 2 =$ _____ |
| 5) $16 - (7 + 3) =$ _____ | 10) $5 + 8 - 6 =$ _____ | 15) $(1 + 5) - 5 =$ _____ |

Addition rainbows with decimals - tenths

- 16) $0.5 +$ _____
 17) $0.9 +$ _____
 18) $0.3 +$ _____
 19) $0.4 +$ _____
 20) $0.7 +$ _____

Subtraction rainbows with decimals - tenths

- 5 = _____
 0 = _____
 3 = _____
 7 = _____
 9 = _____

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Multiplication

- 36) 0.4×3 _____
 37) $0.08 \times$ _____
 38) $0.03 \times$ _____
 39) 0.9×3 _____
 40) $0.7 \times 3 =$ _____ 45) $0.07 \times 3 =$ _____

- 54) $240 \div 3 =$ _____ 55) $9,000 \div 3 =$ _____



Multiplication with decimals (3x)

- | | |
|-----------------------------|-----------------------------|
| 56) $3 \times 0.9 =$ _____ | 61) $3 \times 0.5 =$ _____ |
| 57) $3 \times 0.11 =$ _____ | 62) $3 \times 0.2 =$ _____ |
| 58) $3 \times 0.03 =$ _____ | 63) $3 \times 0.08 =$ _____ |
| 59) $3 \times 0.04 =$ _____ | 64) $3 \times 0.10 =$ _____ |
| 60) $3 \times 0.6 =$ _____ | 65) $3 \times 0.7 =$ _____ |

Division with decimals ($\div 3$)

- | | |
|---------------------------|---------------------------|
| 66) $3.0 \div 3 =$ _____ | 71) $0.12 \div 3 =$ _____ |
| 67) $0.36 \div 3 =$ _____ | 72) $2.7 \div 3 =$ _____ |
| 68) $0.3 \div 3 =$ _____ | 73) $0.15 \div 3 =$ _____ |
| 69) $2.4 \div 3 =$ _____ | 74) $0.30 \div 3 =$ _____ |
| 70) $0.18 \div 3 =$ _____ | 75) $0.6 \div 3 =$ _____ |

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