



Roots of Reason

One-Minute Challenge

0.1

Name _____

Date _____

1 minute. Answer as many as you can.

Beat your last score. Improving at all means you learned in one minute.

Correct _____ / 24

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



Roots of Reason

One-Minute Challenge

2s

Name _____ Date _____

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Correct _____ / 24

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



Roots of Reason

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3s

Name _____

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Correct _____ / 24

1 $3 \times 4 =$	2 $21 \div 3 =$	3 $3 \times 9 =$	4 $9 \div 3 =$
5 $3 \times 12 =$	6 $27 \div 3 =$	7 $3 \times 2 =$	8 $33 \div 3 =$
9 $3 \times 7 =$	10 $15 \div 3 =$	11 $3 \times 5 =$	12 $36 \div 3 =$
13 $3 \times 10 =$	14 $12 \div 3 =$	15 $3 \times 3 =$	16 $24 \div 3 =$
17 $3 \times 8 =$	18 $3 \div 3 =$	19 $3 \times 11 =$	20 $30 \div 3 =$
21 $3 \times 6 =$	22 $6 \div 3 =$	23 $3 \times 1 =$	24 $18 \div 3 =$



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4s

Name _____

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Correct _____ / 24

1 $4 \times 4 =$	2 $28 \div 4 =$	3 $4 \times 9 =$	4 $12 \div 4 =$
5 $4 \times 12 =$	6 $36 \div 4 =$	7 $4 \times 2 =$	8 $44 \div 4 =$
9 $4 \times 7 =$	10 $20 \div 4 =$	11 $4 \times 5 =$	12 $48 \div 4 =$
13 $4 \times 10 =$	14 $16 \div 4 =$	15 $4 \times 3 =$	16 $32 \div 4 =$
17 $4 \times 8 =$	18 $4 \div 4 =$	19 $4 \times 11 =$	20 $40 \div 4 =$
21 $4 \times 6 =$	22 $8 \div 4 =$	23 $4 \times 1 =$	24 $24 \div 4 =$



Roots of Reason

One-Minute Challenge

5s

Name _____

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Correct _____ / 24

1 $5 \times 4 =$	2 $35 \div 5 =$	3 $5 \times 9 =$	4 $15 \div 5 =$
5 $5 \times 12 =$	6 $45 \div 5 =$	7 $5 \times 2 =$	8 $55 \div 5 =$
9 $5 \times 7 =$	10 $25 \div 5 =$	11 $5 \times 5 =$	12 $60 \div 5 =$
13 $5 \times 10 =$	14 $20 \div 5 =$	15 $5 \times 3 =$	16 $40 \div 5 =$
17 $5 \times 8 =$	18 $5 \div 5 =$	19 $5 \times 11 =$	20 $50 \div 5 =$
21 $5 \times 6 =$	22 $10 \div 5 =$	23 $5 \times 1 =$	24 $30 \div 5 =$



Roots of Reason

One-Minute Challenge

6s

Name _____

Date _____

1 minute. Answer as many as you can.

Beat your last score. Improving at all means you learned in one minute.

Correct _____ / 24

1 $6 \times 4 =$	2 $42 \div 6 =$	3 $6 \times 9 =$	4 $18 \div 6 =$
5 $6 \times 12 =$	6 $54 \div 6 =$	7 $6 \times 2 =$	8 $66 \div 6 =$
9 $6 \times 7 =$	10 $30 \div 6 =$	11 $6 \times 5 =$	12 $72 \div 6 =$
13 $6 \times 10 =$	14 $24 \div 6 =$	15 $6 \times 3 =$	16 $48 \div 6 =$
17 $6 \times 8 =$	18 $6 \div 6 =$	19 $6 \times 11 =$	20 $60 \div 6 =$
21 $6 \times 6 =$	22 $12 \div 6 =$	23 $6 \times 1 =$	24 $36 \div 6 =$



Roots of Reason

One-Minute Challenge

7s

Name _____ Date _____

1 minute. Answer as many as you can.

Beat your last score. Improving at all means you learned in one minute.

Correct _____ / 24

1 $7 \times 4 =$	2 $49 \div 7 =$	3 $7 \times 9 =$	4 $21 \div 7 =$
5 $7 \times 12 =$	6 $63 \div 7 =$	7 $7 \times 2 =$	8 $77 \div 7 =$
9 $7 \times 7 =$	10 $35 \div 7 =$	11 $7 \times 5 =$	12 $84 \div 7 =$
13 $7 \times 10 =$	14 $28 \div 7 =$	15 $7 \times 3 =$	16 $56 \div 7 =$
17 $7 \times 8 =$	18 $7 \div 7 =$	19 $7 \times 11 =$	20 $70 \div 7 =$
21 $7 \times 6 =$	22 $14 \div 7 =$	23 $7 \times 1 =$	24 $42 \div 7 =$



Roots of Reason

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8s

Name _____ Date _____

1 minute. Answer as many as you can.

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Correct _____ / 24

1 $8 \times 4 =$	2 $56 \div 8 =$	3 $8 \times 9 =$	4 $24 \div 8 =$
5 $8 \times 12 =$	6 $72 \div 8 =$	7 $8 \times 2 =$	8 $88 \div 8 =$
9 $8 \times 7 =$	10 $40 \div 8 =$	11 $8 \times 5 =$	12 $96 \div 8 =$
13 $8 \times 10 =$	14 $32 \div 8 =$	15 $8 \times 3 =$	16 $64 \div 8 =$
17 $8 \times 8 =$	18 $8 \div 8 =$	19 $8 \times 11 =$	20 $80 \div 8 =$
21 $8 \times 6 =$	22 $16 \div 8 =$	23 $8 \times 1 =$	24 $48 \div 8 =$



Roots of Reason

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9s

Name _____ Date _____

1 minute. Answer as many as you can.

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Correct _____ / 24

1 $9 \times 4 =$	2 $63 \div 9 =$	3 $9 \times 9 =$	4 $27 \div 9 =$
5 $9 \times 12 =$	6 $81 \div 9 =$	7 $9 \times 2 =$	8 $99 \div 9 =$
9 $9 \times 7 =$	10 $45 \div 9 =$	11 $9 \times 5 =$	12 $108 \div 9 =$
13 $9 \times 10 =$	14 $36 \div 9 =$	15 $9 \times 3 =$	16 $72 \div 9 =$
17 $9 \times 8 =$	18 $9 \div 9 =$	19 $9 \times 11 =$	20 $90 \div 9 =$
21 $9 \times 6 =$	22 $18 \div 9 =$	23 $9 \times 1 =$	24 $54 \div 9 =$



Roots of Reason

One-Minute Challenge

10.11

Name _____ Date _____

1 minute. Answer as many as you can.

Beat your last score. Improving at all means you learned in one minute.

Correct _____ / 24

1 $10 \times 3 =$	2 $33 \div 11 =$	3 $11 \times 2 =$	4 $70 \div 10 =$
5 $10 \times 6 =$	6 $55 \div 11 =$	7 $11 \times 5 =$	8 $120 \div 10 =$
9 $10 \times 9 =$	10 $77 \div 11 =$	11 $11 \times 8 =$	12 $40 \div 10 =$
13 $10 \times 12 =$	14 $121 \div 11 =$	15 $11 \times 11 =$	16 $90 \div 10 =$
17 $10 \times 7 =$	18 $99 \div 11 =$	19 $11 \times 6 =$	20 $60 \div 10 =$
21 $10 \times 4 =$	22 $132 \div 11 =$	23 $11 \times 12 =$	24 $110 \div 10 =$



Roots of Reason

One-Minute Challenge

12s

Name _____ Date _____

1 minute. Answer as many as you can.

Beat your last score. Improving at all means you learned in one minute.

Correct _____ / 24

1 $12 \times 4 =$	2 $84 \div 12 =$	3 $12 \times 9 =$	4 $36 \div 12 =$
5 $12 \times 12 =$	6 $108 \div 12 =$	7 $12 \times 2 =$	8 $132 \div 12 =$
9 $12 \times 7 =$	10 $60 \div 12 =$	11 $12 \times 5 =$	12 $144 \div 12 =$
13 $12 \times 10 =$	14 $48 \div 12 =$	15 $12 \times 3 =$	16 $96 \div 12 =$
17 $12 \times 8 =$	18 $12 \div 12 =$	19 $12 \times 11 =$	20 $120 \div 12 =$
21 $12 \times 6 =$	22 $24 \div 12 =$	23 $12 \times 1 =$	24 $72 \div 12 =$