



CHALLENGE SET 1

BASIC - NO POWERS

Allowed Operators

+ - *

			Scoring Dice	Your Equation	Target
START →			2 3 4	_____	20
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 4	<input type="text"/> <input type="text"/> <input type="text"/>	14
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 5	<input type="text"/> <input type="text"/> <input type="text"/>	24
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 3	<input type="text"/> <input type="text"/> <input type="text"/>	24

ADVANCED - YES POWERS

Allowed Operators

+ - * / ^

			Scoring Dice	Your Equation	Target
START →			2 3 6	_____	24
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 4	<input type="text"/> <input type="text"/> <input type="text"/>	12
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 5	<input type="text"/> <input type="text"/> <input type="text"/>	4
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 2	<input type="text"/> <input type="text"/> <input type="text"/>	39

Name

Class

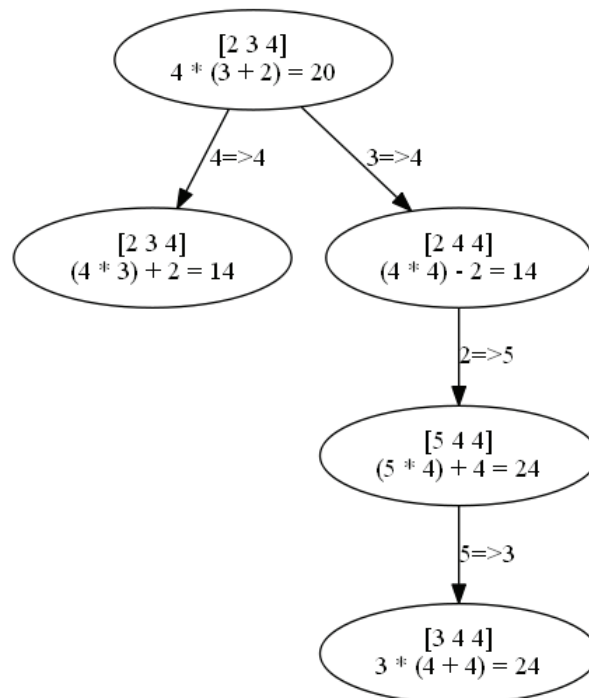


CHALLENGE SET 1: Basic Solution

BASIC - NO POWERS Allowed Operators
+ - *

	Scoring Dice	Your Equation	Target
START →	2 3 4	$4 * (3 + 2) = 20$	20
Discard one die: 3 → Replace with: 4	2 4 4	$(4 * 4) - 2 = 14$	14
Discard one die: 2 → Replace with: 5	5 4 4	$(5 * 4) + 4 = 24$	24
Discard one die: 5 → Replace with: 3	3 4 4	$3 * (4 + 4) = 24$	24

Solution Tree





CHALLENGE SET 1: Advanced Solution

ADVANCED - YES POWERS Allowed Operators: + - * / ^

	Scoring Dice	Your Equation	Target
START →	2 3 6	$3 * (6 + 2) = 24$	24
Discard one die: 2 → Replace with: 4	4 3 6	$4 * (6 - 3) = 12$	12
Discard one die: 4 → Replace with: 5	5 3 6	$(6 + 3) - 5 = 4$	4
Discard one die: 5 → Replace with: 2	2 3 6	$(6 ^ 2) + 3 = 39$	39

Solution Tree

