



CHALLENGE SET 5

BASIC - NO POWERS

Allowed Operators
+ - *

			Scoring Dice	Your Equation	Target
START →			3 5 6	_____	2
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 4	<input type="text"/> <input type="text"/> <input type="text"/>	23
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 6	<input type="text"/> <input type="text"/> <input type="text"/>	5
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 5	<input type="text"/> <input type="text"/> <input type="text"/>	31

ADVANCED - YES POWERS

Allowed Operators
+ - * / ^

			Scoring Dice	Your Equation	Target
START →			4 5 6	_____	2
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 2	<input type="text"/> <input type="text"/> <input type="text"/>	9
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 3	<input type="text"/> <input type="text"/> <input type="text"/>	12
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 6	<input type="text"/> <input type="text"/> <input type="text"/>	26

Name

Class

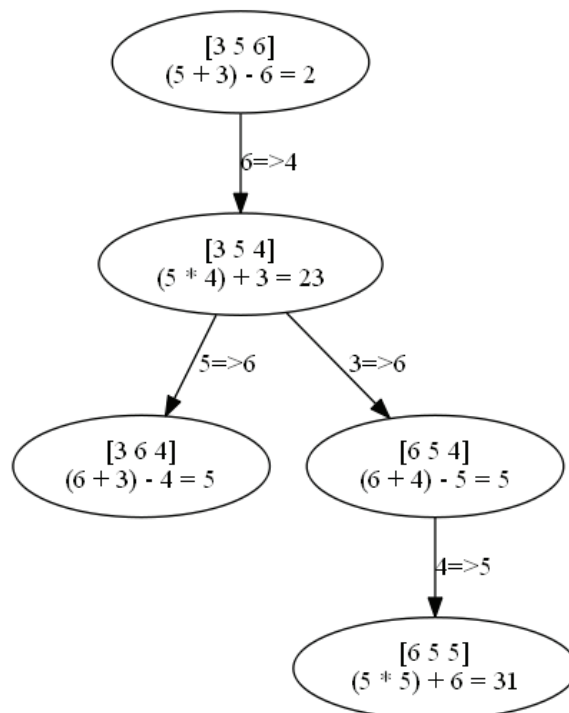


CHALLENGE SET 5: Basic Solution

BASIC - NO POWERS Allowed Operators
+ - *

	Scoring Dice	Your Equation	Target
START →	3 5 6	$(5 + 3) - 6 = 2$	2
Discard one die: 6 → Replace with: 4	3 5 4	$(5 * 4) + 3 = 23$	23
Discard one die: 3 → Replace with: 6	6 5 4	$(6 + 4) - 5 = 5$	5
Discard one die: 4 → Replace with: 5	6 5 5	$(5 * 5) + 6 = 31$	31

Solution Tree





CHALLENGE SET 5: Advanced Solution

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

	Scoring Dice	Your Equation	Target
START →	4 5 6	$(6 + 4) / 5 = 2$	2
Discard one die: 5 → Replace with: 2	4 2 6	$(6 ^ 2) / 4 = 9$	9
Discard one die: 6 → Replace with: 3	4 2 3	$(2 ^ 3) + 4 = 12$	12
Discard one die: 3 → Replace with: 6	4 2 6	$(6 * 4) + 2 = 26$	26

Solution Tree

