



CHALLENGE SET 3

BASIC - NO POWERS

Allowed Operators
+ - *

			Scoring Dice	Your Equation	Target
START →			2 4 5	_____	22
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 3	<input type="text"/> <input type="text"/> <input type="text"/>	35
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 2	<input type="text"/> <input type="text"/> <input type="text"/>	6
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 6	<input type="text"/> <input type="text"/> <input type="text"/>	29

ADVANCED - YES POWERS

Allowed Operators
+ - * / ^

			Scoring Dice	Your Equation	Target
START →			2 3 4	_____	24
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 5	<input type="text"/> <input type="text"/> <input type="text"/>	17
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 6	<input type="text"/> <input type="text"/> <input type="text"/>	8
Discard one die: →	Remove: <input type="text"/>	Replace with: →	Add: 3	<input type="text"/> <input type="text"/> <input type="text"/>	28

Name

Class

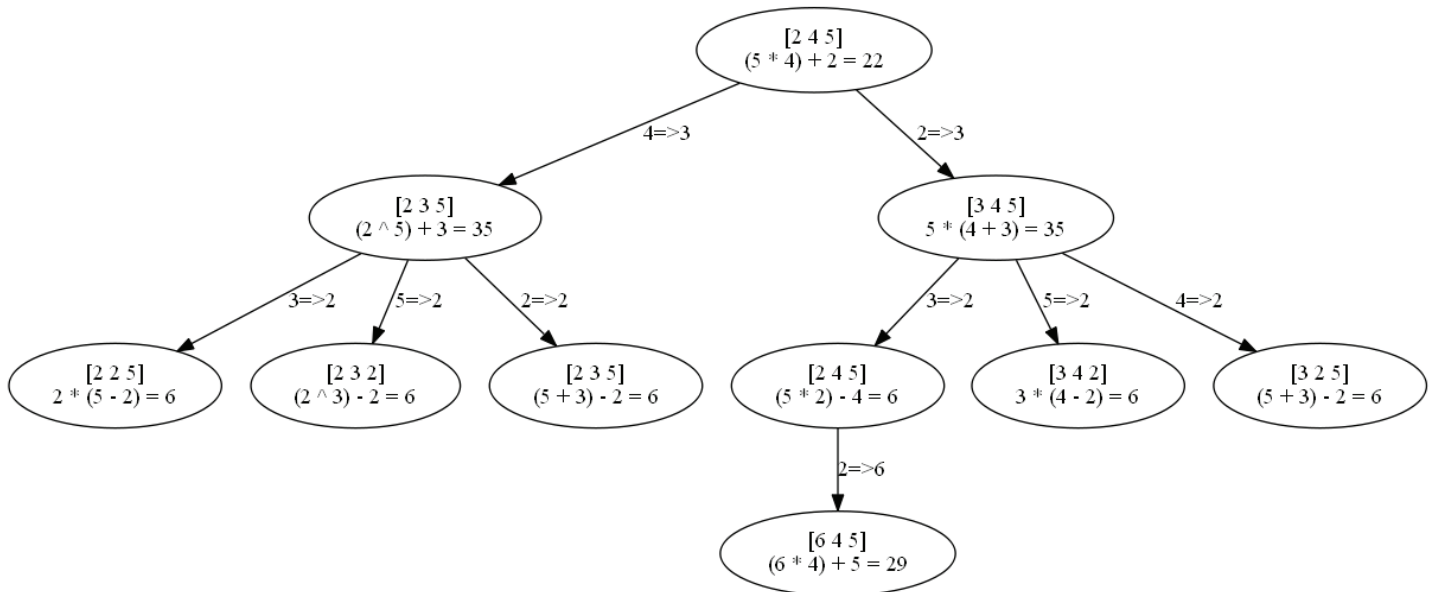


CHALLENGE SET 3: Basic Solution

BASIC - NO POWERS Allowed Operators
+ - *

	Scoring Dice	Your Equation	Target
START →	2 4 5	$(5 * 4) + 2 = 22$	22
Discard one die: 2 → Replace with: 3	3 4 5	$5 * (4 + 3) = 35$	35
Discard one die: 3 → Replace with: 2	2 4 5	$(5 * 2) - 4 = 6$	6
Discard one die: 2 → Replace with: 6	6 4 5	$(6 * 4) + 5 = 29$	29

Solution Tree





CHALLENGE SET 3: Advanced Solution

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

	Scoring Dice	Your Equation	Target
START →	2 3 4	$(4 * 3) * 2 = 24$	24
Discard one die: 4 → Replace with: 5	2 3 5	$(5 * 3) + 2 = 17$	17
Discard one die: 3 → Replace with: 6	2 6 5	$(6 / 2) + 5 = 8$	8
Discard one die: 6 → Replace with: 3	2 3 5	$(5 ^ 2) + 3 = 28$	28

Solution Tree

