

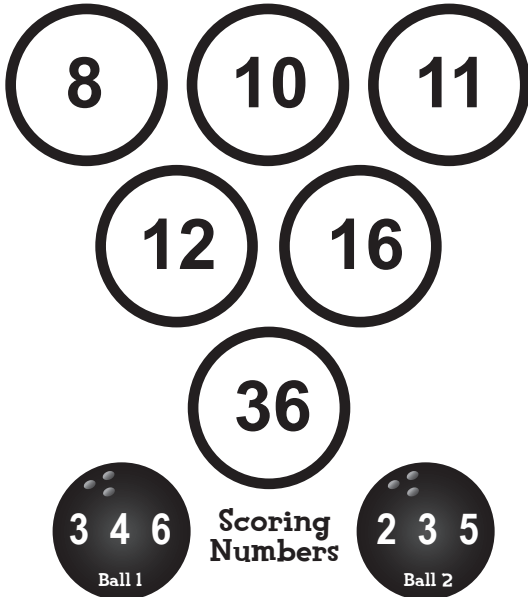


CHALLENGE SET 3

BASIC - NO POWERS

Allowed Operators
+ - *

Target Pins



Target Pin #

- 8
- 10
- 11
- 12
- 16
- 36

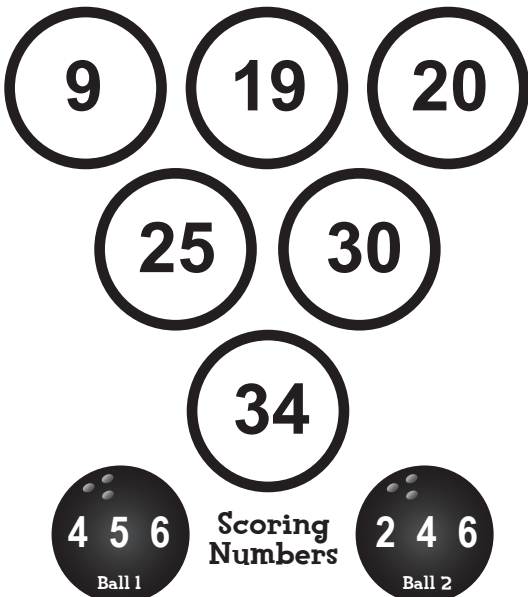
Your Equation

Which Target cannot be hit?

ADVANCED - YES POWERS

Allowed Operators
+ - * / ^

Target Pins



Target Pin #

- 9
- 19
- 20
- 25
- 30
- 34

Your Equation

Can't Be Hit

Which Target cannot be hit?

Name

Class



SOLUTIONS CHALLENGE SET 3

BASIC - NO POWERS

Allowed Operators
+ - *

Target Pins

8
X

10
Ball 2

11
Ball 2

12
Ball 1

16
Ball 2

36
Ball 1

3 4 6
Ball 1

Scoring Numbers

2 3 5
Ball 2

Target Pin

Your Equation

8	_____
10	$(2 + 3) + 5 = 10$
11	$(2 * 3) + 5 = 11$
12	$4 * (6 - 3) = 12$
16	$2 * (3 + 5) = 16$
36	$4 * (3 + 6) = 36$

Which Target cannot be hit?

8

ADVANCED - YES POWERS

Allowed Operators
+ - * / ^

Target Pins

9
Ball 2

19
Ball 1

20
Ball 2

25
Ball 1

30
X

34
Ball 1

4 5 6
Ball 1

Scoring Numbers

2 4 6
Ball 2

Target Pin

Your Equation

9	$(6 ^ 2) / 4 = 9$
19	$(4 * 6) - 5 = 19$
20	$2 * (4 + 6) = 20$
25	$5 ^ (6 - 4) = 25$
30	_____
34	$(5 * 6) + 4 = 34$

Which Target cannot be hit?

30