



CHALLENGE SET 4

BASIC - NO POWERS

Allowed Operators
+ - *

Target Pins

5 8 21

27 36

40

3 4 6 Scoring Numbers 2 4 5

Ball 1 Ball 2

Target Pin #

- 5
- 8
- 21
- 27
- 36
- 40

Your Equation

Which Target cannot be hit?

ADVANCED - YES POWERS

Allowed Operators
+ - * / ^

Target Pins

18 19 26

27 29

40

2 5 6 Scoring Numbers 3 5 6

Ball 1 Ball 2

Target Pin #

- 18
- 19
- 26
- 27
- 29
- 40

Your Equation

Which Target cannot be hit?

Name

Class



SOLUTIONS CHALLENGE SET 4

BASIC - NO POWERS

Allowed Operators
+ - *

Target Pins

Target Pins: 5 (Ball 1), 8 (X), 21 (Ball 1), 27 (Ball 1), 36 (Ball 1), 40 (Ball 2).
Scoring Numbers: 3 4 6 (Ball 1), 2 4 5 (Ball 2).

Target Pin

Your Equation

5 $(3 + 6) - 4 = 5$

8

21 $(4 * 6) - 3 = 21$

27 $(4 * 6) + 3 = 27$

36 $4 * (3 + 6) = 36$

40 $(2 * 4) * 5 = 40$

Which Target cannot be hit?

8

ADVANCED - YES POWERS

Allowed Operators
+ - * / ^

Target Pins

Target Pins: 18 (Ball 1), 19 (Ball 1), 26 (Ball 1), 27 (Ball 2), 29 (X), 40 (Ball 1).
Scoring Numbers: 2 5 6 (Ball 1), 3 5 6 (Ball 2).

Target Pin

Your Equation

18 $6 * (5 - 2) = 18$

19 $(5 ^ 2) - 6 = 19$

26 $(2 ^ 5) - 6 = 26$

27 $(5 * 6) - 3 = 27$

29

40 $5 * (6 + 2) = 40$

Which Target cannot be hit?

29