

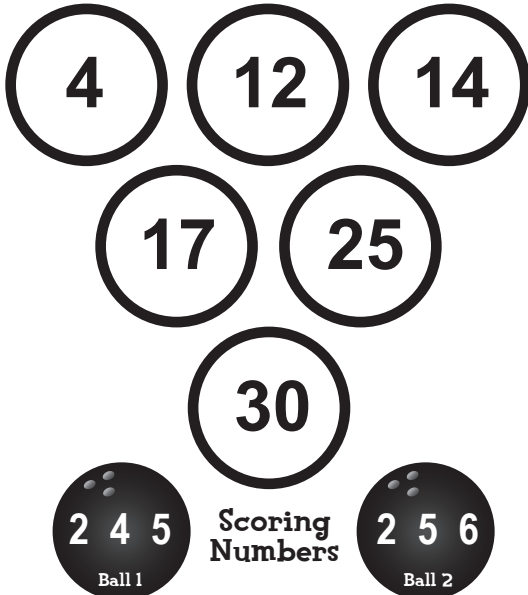


## CHALLENGE SET 5

### BASIC - NO POWERS

Allowed Operators  
+ - \*

Target Pins



Target Pin #

- 4
- 12
- 14
- 17
- 25
- 30

Your Equation

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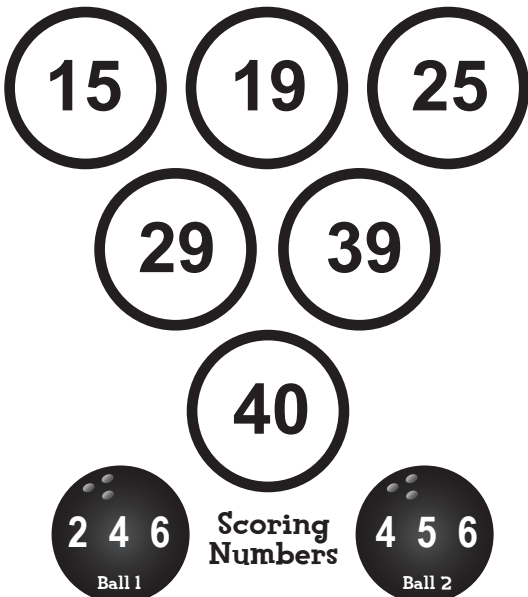
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Which Target cannot be hit?

### ADVANCED - YES POWERS

Allowed Operators  
+ - \* / ^

Target Pins



Target Pin #

- 15
- 19
- 25
- 29
- 39
- 40

Your Equation

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Which Target cannot be hit?

Name

Class



# SOLUTIONS CHALLENGE SET 5

### BASIC - NO POWERS

Allowed Operators  
+ - \*

#### Target Pins

Target Pins: 4 (Ball 2), 12 (Ball 1), 14 (Ball 1), 17 (Ball 2), 25 (X), 30 (Ball 1).  
Scoring Numbers: 2 4 5 (Ball 1), 2 5 6 (Ball 2).

#### Target Pin #

#### Your Equation

- ④  $(2 * 5) - 6 = 4$
- ⑫  $4 * (5 - 2) = 12$
- ⑭  $(2 * 5) + 4 = 14$
- ⑰  $(2 * 6) + 5 = 17$
- ⑳ \_\_\_\_\_
- ㉓  $5 * (2 + 4) = 30$

Which Target cannot be hit?

**25**

### ADVANCED - YES POWERS

Allowed Operators  
+ - \* / ^

#### Target Pins

Target Pins: 15 (Ball 2), 19 (Ball 2), 25 (Ball 2), 29 (Ball 2), 39 (X), 40 (Ball 1).  
Scoring Numbers: 2 4 6 (Ball 1), 4 5 6 (Ball 2).

#### Target Pin #

#### Your Equation

- ⑮  $(4 + 5) + 6 = 15$
- ⑲  $(4 * 6) - 5 = 19$
- ㉕  $5 ^ (6 - 4) = 25$
- ㉙  $(4 * 6) + 5 = 29$
- ㉔ \_\_\_\_\_
- ㉖  $(6 ^ 2) + 4 = 40$

Which Target cannot be hit?

**39**