



SAMPLE CHALLENGE SET

BASIC - NO POWERS

Allowed Operators

+ - *

Scoring Numbers

Target

3 4 6

12

Equation:

Distance From Target:

Scoring Numbers

Target

4 5 6

13

Equation:

Distance From Target:

Scoring Numbers

Target

3 4 5

30

Equation:

Distance From Target:

Total Distance:

ADVANCED - YES POWERS

Allowed Operators

+ - * / ^

Scoring Numbers

Target

2 3 5

33

Equation:

Distance From Target:

Scoring Numbers

Target

2 3 4

21

Equation:

Distance From Target:

Scoring Numbers

Target

3 4 5

4

Equation:

Distance From Target:

Total Distance:

Name

Class





SAMPLE SET - SOLUTIONS

Allowed Operators
+ - *

BASIC - NO POWERS

Complete:

Scoring Numbers Target

3 4 6 12

Equation:

$$4 * (6 - 3) = 12$$

Distance From Target:

0

Scoring Numbers Target

4 5 6 13

Equation:

$$(4 * 5) - 6 = 14$$

Distance From Target:

1

Scoring Numbers Target

3 4 5 30

Equation:

$$(3 + 5) * 4 = 28$$

Distance From Target:

2

Total Distance: 3

Allowed Operators
+ - * / ^

ADVANCED - YES POWERS

Complete:

Scoring Numbers Target

2 3 5 33

Equation:

$$(2 ^ 5) + 3 = 35$$

Distance From Target:

2

Scoring Numbers Target

2 3 4 21

Equation:

$$(2 + 3) * 4 = 20$$

Distance From Target:

1

Scoring Numbers Target

3 4 5 4

Equation:

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

Distance From Target:

0

Total Distance: 3

Name

Class