



# MATHDICE®

## PERFECT MISS

DISTANCE  
3

# How To Play

### Your Goal:

Solve all three equations so that the TOTAL DISTANCE from the Target is a PERFECT MISS of 3.

### To Play:

Each Perfect Miss challenge has three Math Dice problems that must be solved. With most of these problems you'll find that you can't hit the Target. That's ok, you'll just want to find a math expression that comes closest to the Target.

For each problem, write down your equation and the distance from the Target.

When you've solved all three problems add your distances together. If your total distance = 3 YOU WIN!

If not, go back and see how you can rework each problem to give you a Perfect Miss of 3.

## EXAMPLE CHALLENGE

Allowed Operators  
+ - \* / ^

Scoring Numbers Target

3 4 6 24

Equation:

$$(3 \times 6) + 4 = 22$$

Distance From Target:

2

Scoring Numbers Target

2 5 6 15

Equation:

$$(5 \times 6) / 2 = 15$$

Distance From Target:

0

Scoring Numbers Target

2 3 6 34

Equation:

$$(6^2) - 3 = 33$$

Distance From Target:

1

Total Distance: 3



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### BASIC: SET A - PUZZLES

Allowed Operators: + - \*

#### BASIC - 1A

Complete:

Scoring Numbers	Target	Scoring Numbers	Target	Scoring Numbers	Target
2 4 5	27	3 4 6	15	3 4 5	1
Equation:		Equation:		Equation:	
Distance From Target:		Distance From Target:		Distance From Target:	
<input type="text"/>		<input type="text"/>		<input type="text"/>	

Total Distance:

Allowed Operators: + - \*

#### BASIC- 2A

Complete:

Scoring Numbers	Target	Scoring Numbers	Target	Scoring Numbers	Target
4 5 6	3	3 5 6	17	2 5 6	6
Equation:		Equation:		Equation:	
Distance From Target:		Distance From Target:		Distance From Target:	
<input type="text"/>		<input type="text"/>		<input type="text"/>	

Total Distance:

Name

Class





### BASIC: SET B - PUZZLES

Allowed Operators  
+ - \*

#### BASIC - 1B

Complete:

Scoring Numbers

Target

3 4 5

8

Equation:

Distance From Target:

Scoring Numbers

Target

2 5 6

33

Equation:

Distance From Target:

Scoring Numbers

Target

2 4 5

26

Equation:

Distance From Target:

Total Distance:

Allowed Operators  
+ - \*

#### BASIC- 2B

Complete:

Scoring Numbers

Target

3 5 6

19

Equation:

Distance From Target:

Scoring Numbers

Target

3 4 6

5

Equation:

Distance From Target:

Scoring Numbers

Target

4 5 6

9

Equation:

Distance From Target:

Total Distance:

Name

Class

