

Decimal Dynamo



Building Fluency: adding and multiplying decimals

Materials: 4 dice and recording sheet, calculator

Number of Players: 2

Directions:

1. Roll 4 die (or one die 4 times). Use these numbers to create a 2-digit number and a whole number with a decimal.
Example: $\boxed{6} \boxed{4} \boxed{2} \boxed{5}$ 62 and 5.4 or 46 and 2.5
2. Record the numbers you create for each round.
3. Multiply these numbers and record the product for each round on the next line – gray space.
4. At the end of 6 rounds, add the products. The winner is the player with the smallest sum of the 6 products.

Variation/Extension: The winner with the greatest sum. Students may need to use a calculator to check their work.

PLAYER 1

_____ X _____	
Round 1 Product →	
_____ X _____	
Round 2 Product →	
_____ X _____	
Round 3 Product →	
_____ X _____	
Round 4 Product →	
_____ X _____	
Round 5 Product →	
_____ X _____	
Round 6 Product →	
TOTAL OF ALL PRODUCTS _____	

PLAYER 2

_____ X _____	
Round 1 Product →	
_____ X _____	
Round 2 Product →	
_____ X _____	
Round 3 Product →	
_____ X _____	
Round 4 Product →	
_____ X _____	
Round 5 Product →	
_____ X _____	
Round 6 Product →	
TOTAL OF ALL PRODUCTS _____	