



Work Place Instructions 3D Round & Add Hundreds

Each pair of players needs:

- 1 3D Round & Add Hundreds Record Sheet to share
- 1 spinner overlay
- one 1-6 die

- 1 Players decide who will spin and who will record the numbers. Players switch roles for each turn.
- 2 Players roll the die to get the first digit of each 3-digit number, then spin the spinner 4 times to fill in the rest of the digits on the record sheet.

Sum of actual numbers	Sum of rounded numbers	Score
$276 + 532 = \underline{\hspace{2cm}}$	$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$	

- 3 Players work together to round each number formed to the nearest 100 and fill in the blanks under Sum of Rounded Numbers.

Sum of actual numbers	Sum of rounded numbers	Score
$276 + 532 = \underline{\hspace{2cm}}$	$300 + 500 = \underline{\hspace{2cm}}$	

- 4 Players work together to find the sum of the actual numbers and the sum of the rounded numbers.
- 5 Players' score is the difference between the sum of the actual numbers and the sum of the rounded numbers.

Sum of actual numbers	Sum of rounded numbers	Score
$276 + 532 = 808$	$300 + 500 = 800$	8

- 6 Players continue spinning, rounding and adding until they have played all 5 rounds of the game. Then they add their scores from each round to get their final score.

Note: Players can work together to play the game again and see if they can get a lower score the second time around.

Game Variations

- A Students can each use their own recording sheet and take turns, each spinning and recording for themselves. Low score wins the game.
- B Instead of recording the numbers in order as they roll and spin, players can roll the die twice, spin 4 times and then arrange the six digits to form the two 3-digit numbers that will yield the lowest score.

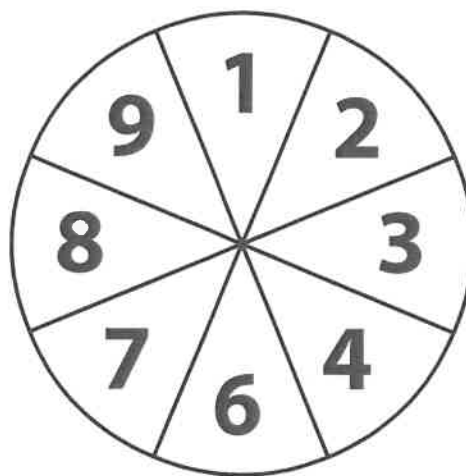
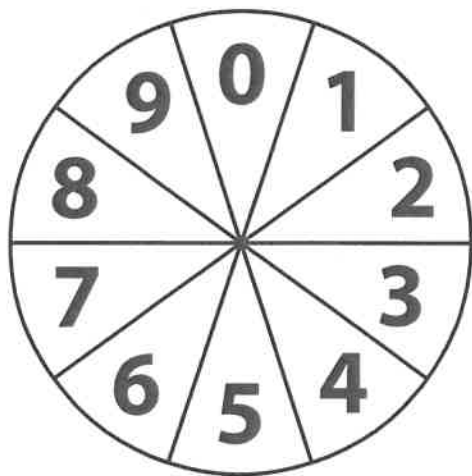
NAME _____

DATE _____



3D Round & Add Hundreds Record Sheet

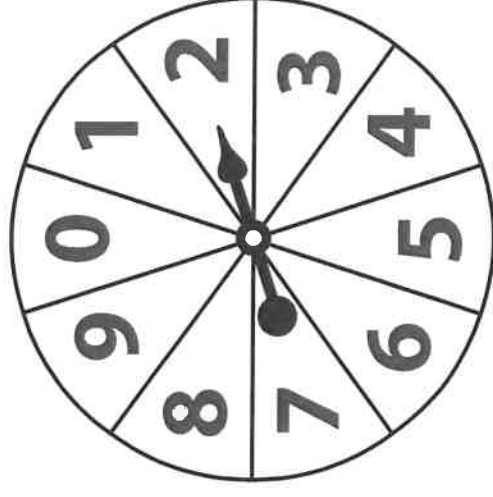
Roll a die and spin both spinners twice to get two 3-digit numbers.



Sum of Actual Numbers	Sum of Rounded Numbers	Score
_____ + _____ = _____	_____ + _____ = _____	
_____ + _____ = _____	_____ + _____ = _____	
_____ + _____ = _____	_____ + _____ = _____	
_____ + _____ = _____	_____ + _____ = _____	
_____ + _____ = _____	_____ + _____ = _____	
Final Score		

We rolled _____
number for the hundreds place.

We spun _____ and _____
number number



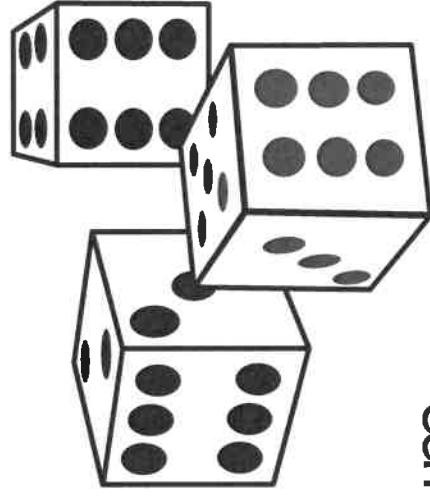
Our number is _____
number.

Our second number is _____
number.

When we round them to the nearest hundred,
our numbers are _____ and _____
number number.

+ = is the
number number number

sum of our actual numbers.



 + = is the sum
number number number

of our rounded numbers.

The difference between those sums is

 - = . Our score is .
number number number

Our score for all 5 rounds is

$$\frac{\quad}{\text{number}} + \frac{\quad}{\text{number}} + \frac{\quad}{\text{number}} + \frac{\quad}{\text{number}} = \frac{\quad}{\text{number}}$$

100

