Name _____ Date _____

Start, Hop, Stop!

The object of the game is to move a decimal hopper from the start point to the stop point with the fewest hops. Any number of people can play.

Materials

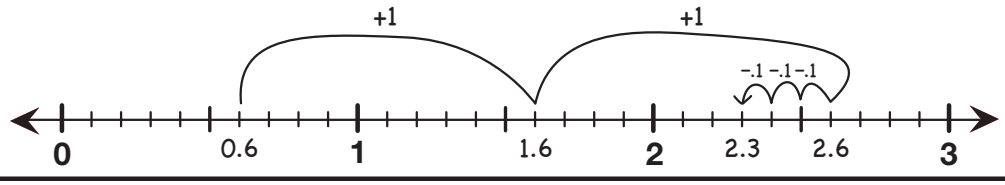
- *Start, Hop, Stop! Spinners* page
- *Start, Hop, Stop! Game 1* and *Game 2* pages
- paper clip
- pencil (1 per player)

Directions

1. One player spins the Ones Digit spinner and the Tenths Digit spinner.
2. Players write the decimal number in the Start column of Turn #1 on their game pages.
3. The same player spins the Ones Digit spinner and the Tenths Digit spinner a second time.
4. Players record this decimal number in the Stop column on their game pages.
5. Each player finds a path for a hopper from the start number to the stop number using as few hops as possible. Hops must follow the rules for decimal hoppers: move 1 or 0.1 in one hop. Hoppers can move right or left.
6. Each player records the following on the game page for each turn:
   - The start number and the stop number
   - A drawing of the hops on the number line
   - The total number of the player's hops for that turn
   - A number sentence that shows how the hopper moved
7. Players check each other's hops and number sentences.
8. Repeat the steps for each turn. Play continues for 4 turns. Alternate which player spins for each turn.
9. Each player adds the total number of hops for all 4 turns. The player with the fewest total hops is the winner.

Example Turn

Turn #	Start	Stop	Number of Hops	Number Sentence
Ex.	0.6	2.3	5	0.6 + 1 + 1 − 0.1 − 0.1 − 0.1 = 2.3 or 0.6 + 2 − 0.3 = 2.3



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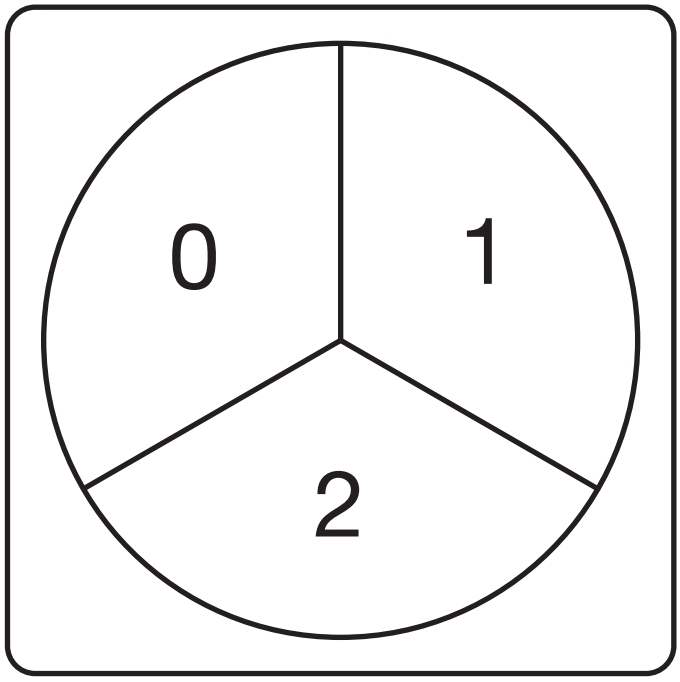
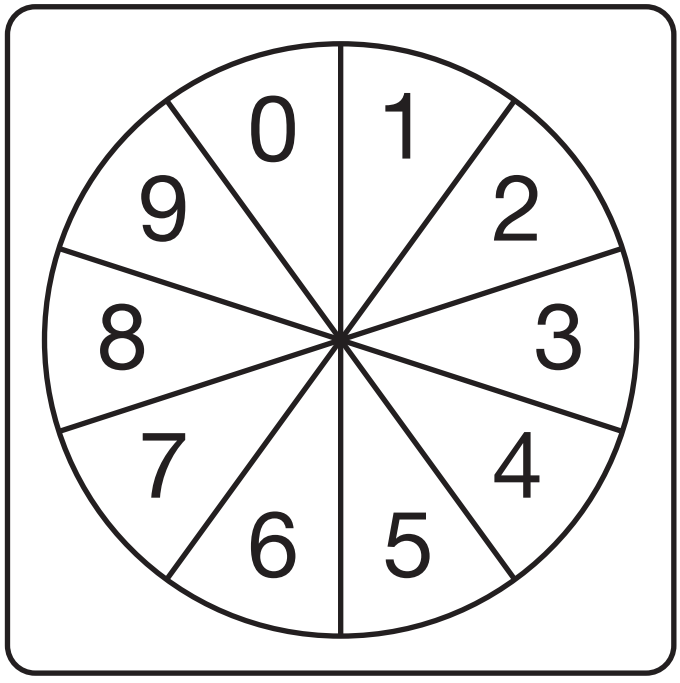
Name _____ Date _____

Start, Hop, Stop! Spinners



Ones Digit



Tenths Digit

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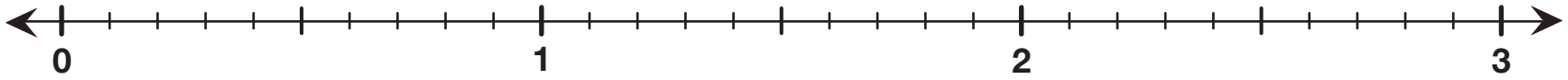
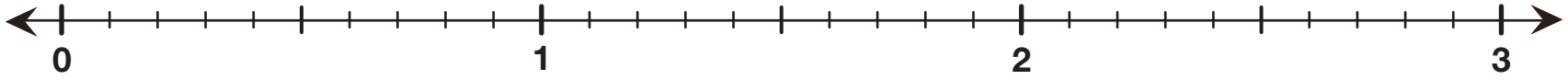
Name _____ Date _____

Start, Hop, Stop! Game Board

Turn #	Start	Stop	Number of Hops	Number Sentence
1.				

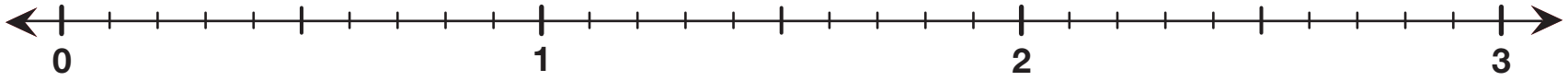


Turn #	Start	Stop	Number of Hops	Number Sentence
2.				

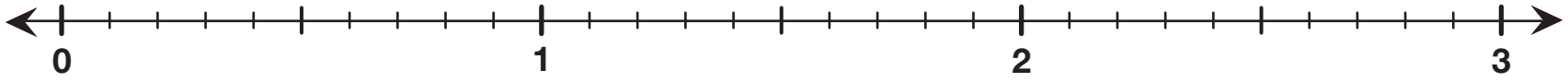


Name _____ Date _____

Turn #	Start	Stop	Number of Hops	Number Sentence
3.				



Turn #	Start	Stop	Number of Hops	Number Sentence
4.				



Total Number of Hops for Turns 1–4: _____

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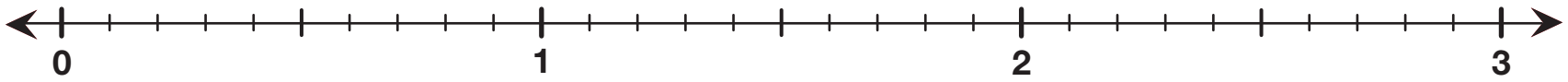
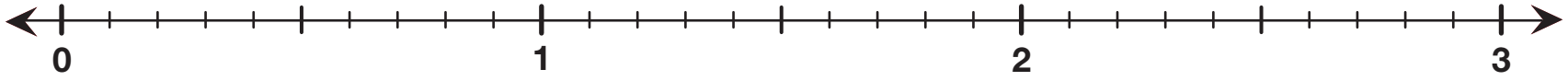
Name _____ Date _____

Start, Hop, Stop! Game Board

Turn #	Start	Stop	Number of Hops	Number Sentence
1.				

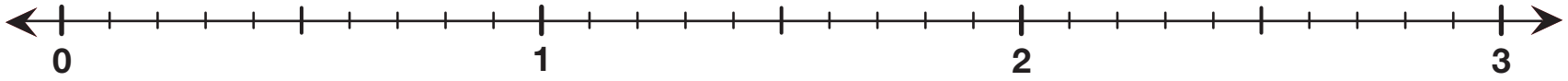


Turn #	Start	Stop	Number of Hops	Number Sentence
2.				

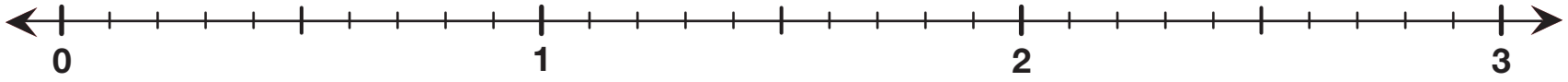


Name _____ Date _____

Turn #	Start	Stop	Number of Hops	Number Sentence
3.				



Turn #	Start	Stop	Number of Hops	Number Sentence
4.				



Total Number of Hops for Turns 1–4: _____

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