In-Class Game

Ten Questions (Lesson 6-6)

Get Ready!

Separate the students into pairs.

- Ten Questions master, p. 18

Get Set!

Make a copy of the Ten Questions master on page 18 for each student in the class.

Go!

- Player A picks a secret fraction and writes it down on his or her game card.
- Player A gives clues to Player B on the basis of questions printed on the card, in any order Player A chooses. Player A records the order of the questions asked in the Order column and the clues given in the Clue column.
- After each clue, Player B guesses the number. Player A records each guess in the Guess column.
- The number of points scored by Player A (from 1 to 10) is the number of clues Player A gives before Player B guesses the correct number. Players A and B alternate turns. The winner is the player with the most points after a designated number of turns.

Name_____ Date_____

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Work with a partner.

- Player A picks a secret fraction and writes it down on his or her game card.
- Player A gives clues to Player B on the basis of questions printed on the card, in any order Player A chooses. Player A records the order of the questions asked in the Order column and the clues given in the Clue column.
- After each clue, Player B guesses the number. Player A records each guess in the Guess column.
- The number of points scored by Player A (from 1 to 10) is the number of clues Player A gives before Player B guesses the correct number. Players A and B alternate turns. The winner is the player with the most points after a designated number of turns.

Question	Order	Clue	Guess	Order	Clue	Guess
Secret fraction						
Number of digits in numerator?						
Number of digits in denominator?						
Sum of the numerator and denominator?						
Product of the numerator and denominator?						
Numbers odd or even?						
Lesser number, numerator or denominator?						
Equivalent to—?						
Sum when added to $\frac{1}{4}$?						
Product when multiplied by $\frac{1}{3}$?						
Quotient when divided by 2?						