Guess a number puzzle

Think of a number between 1 and 20

How quickly can your partner guess the number?

What is the lowest number of guesses needed?

What's the highest number of guesses needed?

What's the most logical way of doing this?

Guess a number puzzle

{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20}

Guess a number puzzle

What if you give "higher" or "lower" as feedback each time?

How quickly can your partner guess the number?

What is the lowest number of guesses needed?

What's the highest number of guesses needed?

What's the most logical way of doing this?