Drill: Classification or Regression

For each of the following situations, decide if you would model using a regression or classification model.

1. The amount a person will spend on a given site in the next 24 months.

Regression

1. What color car someone is going to buy.

Classification: The target variable is the color of car 1/2/3.. Red/Black/Blue

1. How many children a family will have.

Regression

1. If someone will sign up for a service.

Classification: Input target variable is 1/0 Yes/No

1. The number of times someone will get sick in a year.

Regression

1. The probability someone will get sick in the next month.

Classification: Input target variable is 1/0 sick or not sick

1. Which medicine will work best for a given patient?

Classification: Target variable is the medicine A/B/C