

1. Write a function `rectangle_area` that takes two arguments: the length and width of a rectangle. The function should return the area of the rectangle (1pt).
2. Write a function `is_even` that takes one argument: an integer. The function should return `True` if the number is even and `False` if it is odd (1pt).
3. Write a function `convert_to_celsius` that takes one argument: a temperature in Fahrenheit. The function should return the equivalent temperature in Celsius, using the formula (2pt):

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times \frac{5}{9}$$

4. Using data on the Titanic, create a function that checks whether passengers were over or under 30 years old. Pass the results to a new column in the DataFrame (2pt).