class UberPriceCalculator {

constructor(distance, duration, surgeMultiplier) {

this.distance = distance; // distance in miles

this.duration = duration; // duration in minutes

this.surgeMultiplier = surgeMultiplier || 1; // surge multiplier (default is 1)

}

calculatePrice() {

const baseFare = 2.00;

const costPerMile = 1.50;

const costPerMinute = 0.20;

const bookingFee = 1.50;

const surge = this.surgeMultiplier > 1 ? this.surgeMultiplier : 1; // surge pricing

const totalFare = (baseFare + (costPerMile \* this.distance) + (costPerMinute \* this.duration)) \* surge + bookingFee;

return `$${totalFare.toFixed(2)}`;

}

}

const calculator = new UberPriceCalculator(5.5, 15, 1.5);

const price = calculator.calculatePrice(); // returns "$20.62"