Jessica is getting her bicycle fixed. The mechanic charges $30 per hour of labor and $45 for parts. The total cost for fixing Jessica's bike is $90. How long did it take the mechanic to fix Jessica's bike?

Variable: _____

The Variable Will Represent:_____

Equation: _____

Solve the Equation:

How long did it take the mechanic to fix Jessica's bike?

You have a budget of $115 to spend on t-shirts for a group outing. In a catalog you find shirts that cost $18 each, and the shipping and handling for the entire order is $7. How many shirts can you buy?

Variable: _____

The Variable Will Represent:_____

Equation: _____

Solve the Equation:

How many shirts can you buy?

A bagel shop offers a mug filled with coffee for $7.75, with each refill costing $1.25. Kendra spent $31.50 on the mug and refills last month. How many refills did Kendra buy?

Variable: _____

The Variable Will Represent:_____

Equation: _____

Solve the Equation:

How many refills did Kendra buy?

331 students went on a field trip. Six busses were filled with an equal number of students and 7 students traveled in cars. How many students were in each bus?

Variable: _____

The Variable Will Represent:_____

Equation: _____

Solve the Equation:

How many students were in each bus?

You bought a magazine for $5 and four erasers. You spent a total of $25. How much did each eraser cost?

Variable: _____

The Variable Will Represent:_____

Equation: _____

Solve the Equation:

How much did each eraser cost?

Jasmine's cell phone company chargers her $35 a month for phone services plus $0.50 for each text message. How many text messages did Jasmine send in a month if her bill was $52?

Variable: _____

The Variable Will Represent:_____

Equation: _____

Solve the Equation:

How many text messages did Jasmine send that month?

Elkins Point basketball team purchased new equipment and uniforms for a total cost of $912. The equipment cost $612 and the uniforms were $25 each. How many uniforms did they purchase?

Variable: _____

The Variable Will Represent:_____

Equation: _____

Solve the Equation:

How many uniforms did they purchase?

The bill for the repair of a computer was $179. The cost of parts was $44, and labor charge was $45 per hour. How many hours did it take to repair the computer?

Variable: _____

The Variable Will Represent:_____

Equation: _____

Solve the Equation:

How many hours did it take to repair the computer?

Blake's Bowling Alley offers a special. Each game costs $2.50 and the shoe rental is $2.00. You spend $14.50 total. How many games did you bowl?

Variable: _____

The Variable Will Represent:_____

Equation: _____

Solve the Equation:

How many games did you bowl?

Renting boats on a lake costs $22 per hour plus a flat fee of $10 for insurance. If you paid $98 to rent the boat, how many hours did you rent the boat?

Variable: _____

The Variable Will Represent:_____

Equation: _____

Solve the Equation:

How many hours did you rent the boat?