Reverse Percentage Problems

Use Material Master 8-31 as a source of blank flowcharts if you need them.

Anne pays cash for a TV. The store owner gives her a 10% discount. She pays $702. How much was the price of the TV before a discount?

Answer: ⬚

James pays his electricity bill of $138.00. It includes 15% GST. What GST does James pay?

Answer: ⬚

A mechanic buys a new battery to install in a car for $60.00 exclusive of GST at 15%. He discounts the price by 5% for his customer. How much does the battery cost the customer?

Answer: ⬚

Mere gets a 10% discount on a DVD player which costs $350 before discount. The price Mere pays includes 15% GST. How much did Mere pay for the player *exclusive* of GST.

Answer: ⬚

Georgie gets a 5% discount on a CD player. Georgie pays $150 after discount. The price Georgie pays includes 15% GST. How much GST did Georgie pay for the player? What was the price before the discount?

GST: ⬚   Price before discount: ⬚

Maurice buys toasters for his shop. Each one costs him $20.00 *exclusive* of GST. He marks the price up by 35%, adds GST of 15%, then discounts the price by 5% for cash. What is Maurice's cash price to his customers?

Answer: ⬚