Polynomial Equations Quiz /10

1. Solve by factoring. Show the fully factored equation. 3 marks
2. What is the remainder when is divided by . 1 mark
3. Divide by . Write the answer in the form:

Dividend = (Divisor)(Quotient) + Remainder 3 marks

1. An open top rectangular box is constructed by cutting a square of length *x* cm from each corner of a 20 cm by 24 cm rectangle, and then folding up the sides. What size square must be cut to have a volume of 756 cubic cm? 3 marks