Std. 10 - Maths (Standard) - E.M.

Solve the following. (Q. 21 to 24) (21) Express the following integers as a product of its prime factors: 7325 (22) If the equation $ax^2 + 2x + a = 0$ has two equa real roots then find the value of a. (23) How many bricks, each measuring (25 cm \times 11.25 cm × 6 cm), will be required to construct a wall $(8m \times 6m \times 22.5 \text{ cm})$ (24) If the mean and mode of a frequency distribution be 53.4 and 55.2. respectively find the median.