$$Q1)\frac{3z-15}{55}\div\frac{z-5}{77z}$$

$$=\frac{3z-15}{55}\times\frac{77z}{z-5}$$

$$=\frac{3(z-5)}{11\times5}\times\frac{11\times7}{(z-5)}$$

$$=\frac{21}{5}$$

$$Q2)4x(x-4)-5x(x-3)=0$$

$$4x^2-16x-5x^2+15x=0$$

$$-x^2-x=0$$

$$-x(x+1)=0$$

$$x=0,-1$$

$$Q3)\sqrt[3]{\frac{64x^{14}}{y^3}}$$

$$=\sqrt[3]{\frac{4^3x^{12}x^2}{y^3}}$$

$$=\sqrt[3]{\frac{4^3(x^4)^3x^2}{y^3}}$$

$$=\frac{4x^4\sqrt[3]{x^2}}{y}$$