Question 23160

1. $g(x)=\frac{5}{x^2-25}$, domain includes all real numbers, except those, which turn the denominator to zero. Hence, $D(g(x))=R\setminus(5;-5)$.
2. $f(t)=3t^2+5t+2$. Obviously, $x\in R$.
3. $h(x)=\sqrt{5x-2}$. Square root is defined to non-negative real numbers, so $D(h(x)):x\in[\frac{2}{5};\infty)$.