VD 4.7.3

Write an algebraic expression that is equivalent to the trigonometric expression.

trig expression	algebraic expression
$\tan(\arcsin\dfrac{x}{5})$	$\dfrac{x}{\sqrt{25-x^2}}$
$\sec(\arcsin(\dfrac{x-2}{x}))$	$\dfrac{x}{2\sqrt{x-1}}$
$\cos(\arcsin(\dfrac{x-h}{r}))$	$\dfrac{\sqrt{r^2-x^2+2rh-h^2}}{r}$
$\cot(\arctan(\dfrac{4}{x-2}))$	$\dfrac{x-2}{4}$
$\sin(\arctan(\sqrt{x^2-1}))$	$\dfrac{\sqrt{x^2-1}}{x}$
$\csc(\arccos(\dfrac{\sqrt{x+6}}{x}))$	$\dfrac{x}{\sqrt{x^2-x-6}}$
$\cos(\arcsin(\dfrac{2}{\sqrt{4+x}}))$	$\dfrac{\sqrt{x}}{\sqrt{4+x}}$