$$sin^2 + cos^2 = 1$$

Advanced Algebra

Fundamental Trig Identities Assignment #18

For each problem, simply the expressions as much as possible.

1) $\dfrac{tanxcscx}{secx}$

2) $\dfrac{cosx}{secx-tanx}$

Final answer #1

Final answer #2

3) $tanx(cos^2(x))$

4) sinxcotx

Final answer #3

Final answer #4

$$sin^2 + cos^2 = 1$$

5) $\dfrac{tanx}{cotx}$

6) cosxtanxcscx

Final answer #5

Final answer #6

7) $\dfrac{1}{(sin^2x)} - \dfrac{cos^2(x)}{sin^2(x)}$

8) $\dfrac{cos^2(x)}{1+sin(x)}$

Final answer #7

Final answer #8