

**MA114 Summer II 2018**  
**Worksheet 3b – Trig Integrals**  
**6/12/18**

1. Compute the following integrals.

a)  $\int \tan^5(x) \sec^6(x) dx,$

b)  $\int \csc^2(3 - 2x) dx,$

c)  $\int \cot^5(x) \csc^5(x) dx,$

d)  $\int \tan^3(t) dt.$