Additional Problems Assignment 10

1. Find the exact value of the following (doesn't involve decimals:

   (a) $\sin(75°)$

   (b) $\sin(225°)$

   (c) $\cos(75°)$

   (d) $\cos(225°)$

   (e) $\tan(75°)$

   (f) $\tan(225°)$

2. Find the exact value of this:

   (a) $\sin(155°)\cos(25°) + \sin(25°)\cos(155°)$

   (b) $\cos(\frac{7\pi}{12})\cos(\frac{3\pi}{12}) - \sin(\frac{7\pi}{12})\sin(\frac{3\pi}{12})$