Activity 4

If d|n and d|m, then d|(xm + yn) for all integers x and y.

mason nidx
$$k_1$$
, $k_1 \in I$ order $xm+yn = X(dxk_1) + y(dxk_2)$
 $m_2 dx k_2$, $k_2 \in I$
 $x d x k_2 + y d k_1$
 $x d x k_2 + y k_1$

4 1 2 1 m dlm 1122 dlm 1180 dl (xm + yn) \$7450 m/ 20 m