

**Practice for assessment: Geometry, Proof and Systems of Equations**  
**Geometry, Proof and Systems of Equations Assessment Standard 1.4**

1. Use the Euclidean Algorithm to find the greatest common divisor of 646 and 2516.
2. Find the greatest common divisor of 231 and 17 and hence find integers  $x$  and  $y$  such that  $231x + 17y = 1$ .
3. Express 235 in base 7.