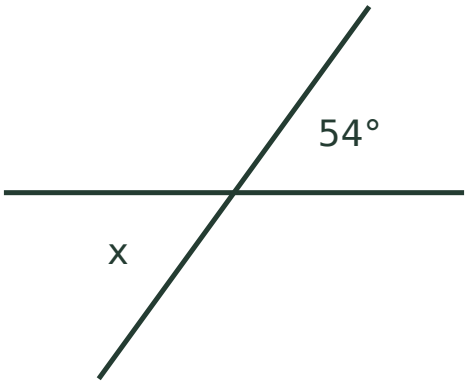
Practice worksheet | Angles

# Vertically opposite angles

Name: _____ Date: _____

6 questions | 11 marks

**1.** Find $x$ in the crossing shown. [1 mark]




Two intersecting straight lines

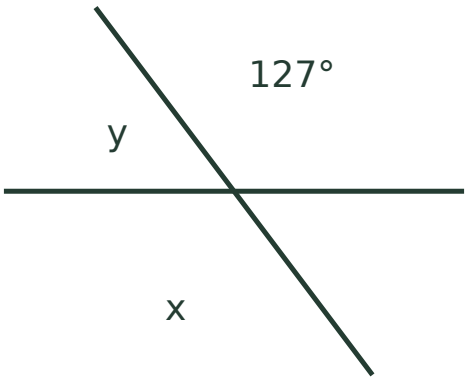
**2.** Two lines cross. One angle is $105^\circ$. Find an adjacent angle. [1 mark]

**3.** At a crossing one angle is $38^\circ$. List all four angles in order around the point. [2 marks]

**4.** One angle at a crossing is $90^\circ$. What are the other three? Explain. [2 marks]

**5.** A crossing has adjacent angles marked $112^\circ$ and $112^\circ$. Could both marks be correct? Explain. [2 marks]

**6.** At an intersection, $x$ is opposite $127^\circ$ and $y$ is next to $127^\circ$. Find $x$ and $y$, giving a reason for each. [3 marks]




Two intersecting straight lines