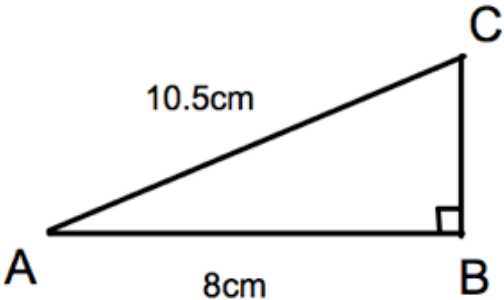


Name: \_\_\_\_\_

November 3	5-a-day	Higher
 <p>A right-angled triangle ABC is shown. The right angle is at vertex B. Side AB is labeled 8cm. The hypotenuse AC is labeled 10.5cm. Vertex C is directly above vertex B.</p>	Find the length BC	
$3.2 \times 10^5 - 2.89 \times 10^4$		
Solve $x^2 + 5x - 14 = 0$		
Solve the simultaneous equations $4x + 3y = 5$ $2x - 5y = 9$		
A helicopter leaves Bristol and flies due east for 10 miles. Then the helicopter flies 8 miles north before landing.  Calculate the bearing of the helicopter from Bristol.		