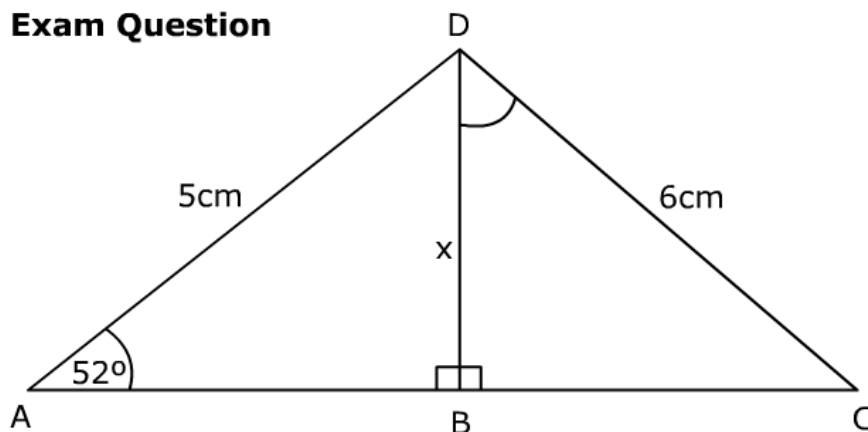


**HIGHER REVISION A**

1. Share 180kg in the ratio 2 : 3
2. Expand  $2(p - 4)$
3. In 2002, a company's annual sales figures were £35 000. In 2003 they were £43 000. Calculate the percentage increase in the sales.
4. Solve  $4x + 6 = 8$
5. Find the **area** of a circle whose **radius is** 8cm.
- 6.

**Exam Question**



- a) Calculate the length  $x$
- b) Calculate the angle  $CDB$

7. Find the diameter of a circle whose **circumference is** 60cm
8. Expand  $(x + 3)(x - 3)$
9. Increase 400 by 15%, then reduce this new value by 15%. Explain why the final answer is not 400?
10. Expand and simplify  $5(k + 2) - 2(k - 1)$