

1 Non-calculator

(a) Solve algebraically

$$6(2x - 3) = 42.$$

3

(b) Factorise

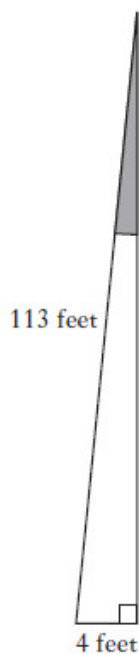
$$12t + 9u.$$

2

2 Calculator

Belfast has a leaning clock tower.

The leaning of the clock tower is shown in the diagram below.



Calculate the size of the shaded angle.

3