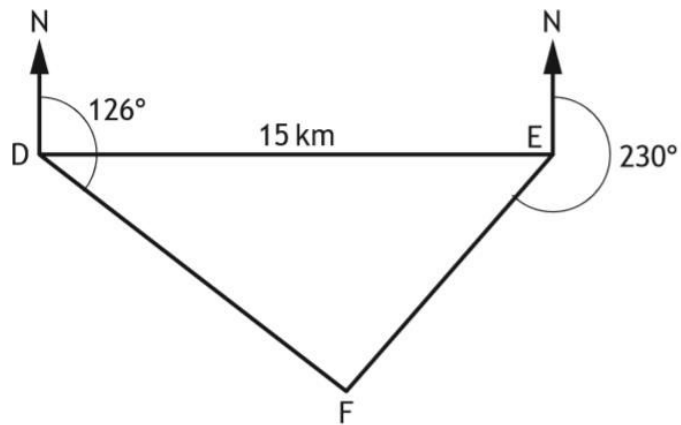


**Qualification:** SQA National 5 Mathematics 2017

**Paper:** 2 (Calculator)

**Question:** 10

10. In the diagram below D, E and F represent the positions of Dunbridge, Earlsford and Fairtown respectively.



Dunbridge is 15 kilometres west of Earlsford.

From Dunbridge, the bearing of Fairtown is  $126^\circ$ .

From Earlsford the bearing of Fairtown is  $230^\circ$ .

Calculate the distance between Dunbridge and Fairtown.

**Do not use a scale drawing.**