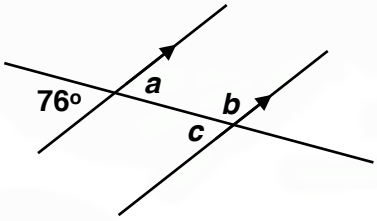
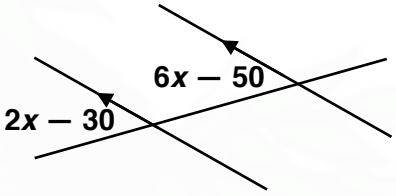
Angle Facts (revision)

Starter

1. **(Review of last lesson)** A yacht sails from Hilton. It sails for 12 km on a course of 240^o, then for 8 km on a course of 150^o. Make a scale drawing to answer these questions.
   (a) How far is the yacht now from Hilton?
   (b) What course should the crew of the yacht set if they would return to Hilton by the shortest route?

2. **(Review of previous material)**
   Copy and complete these statements with a word, a number or a statement:
   (a) The angles around a point add up to ___°.
   (b) The angles on a straight line add up to ___°.
   (c) The angles in a triangle add up to ___°.
   (d) Vertically opposite angles are _____.
   (e) Alternate angles on parallel lines are _____.
   (f) Allied angles _____.
   (g) Corresponding angles are _____.
   (h) Supplementary angles are two angles that _____.

3. **(Review of previous material)** By giving reasons for your answers, calculate:
   (a) the values of a, b and c.
   

   (b) the value of x.
   

Notes
No new notes.

Solutions to Starter and E.g.s

Exercise
p53 Ex 15.1 Qu 1-10 (Draw all diagram, give a reason for each step/answer)

Textbook answers (only available during a lockdown)