

35 Polyesters and polyamides – Part 2 —Answers

Answers

Work through these after trying the questions yourself.

35.6 A diol and a dicarboxylic acid.

35.7 Two.

35.8 A diamine and a dicarboxylic acid.

35.9 Water.

35.10 Polyamides.

35.11 Each amino acid carries the *two* reactive groups a condensation polymer needs. The —COOH of one molecule links to the —NH of the next, forming an amide (peptide) bond and releasing water. Repeating this builds a long polyamide chain —a protein.