

29 Aromatic compounds and naming — Part 1 — Answers

Answers

Work through these after trying the questions yourself.

29.1 A benzene ring.

29.2 The benzene ring.

29.3 From the main (principal) group, as carbon 1.

29.4 An electrophile.

29.5 A molecule adds on, then a small molecule is removed.

29.6 Adding across the ring would break up benzene's stable delocalised π system and lose that extra stability. Substitution replaces a hydrogen but keeps the ring (and its stability) intact, so substitution is favoured.