**Examples of GCSE Astronomy Maths: ANSWERS**

**Question one:** Two and a half million light-years

**Question two:** A ÷ A = 1

**Question three:** 3 seconds

**Question four:** 3/10 AU

**Question five:** 12:14

**Question six:** 18:56

**Question seven:** 50 Mpc

**Question eight:** ¼ = 0.25

**Question nine:** Four times as great (double size, area increases by 22)

**Question ten:** B–A = 4; brightness ratio 2.5B-A = 39