

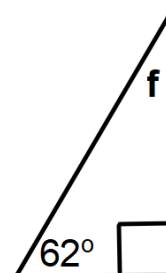
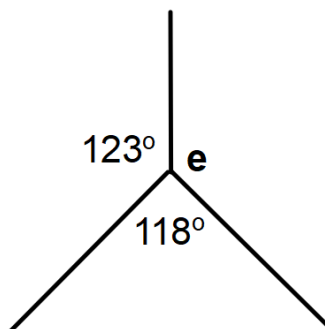
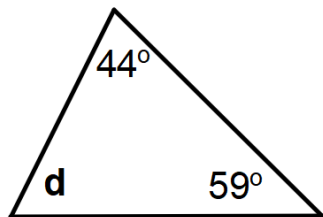
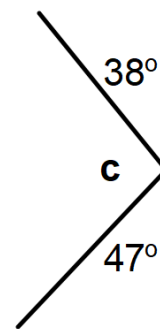
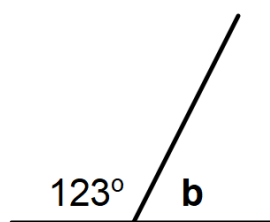
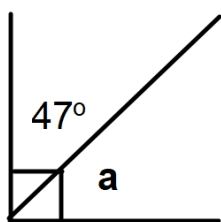
## S2 Homework 6

No calculator allowed!!!

- 1)  $-10 + 3$       2)  $-10 - 3$       3)  $-10 + 13$       4)  $3 - 10$

Revision of S1 work

- 5) Calculate the size of the angles marked a – f in the diagrams below.



S2 work

- 6) Arrange these numbers in order of size, smallest first.

$$8.976 \times 10^6 \quad 9.8 \times 10^6 \quad 8.9 \times 10^{-6} \quad 9.876 \times 10^{-9}$$

- 7) Write these numbers in standard form: -

a) 0.000 456    b) 456 000    c) 0.000 000 456    d) 4 560 000 000 000

- 8) How long will it take to travel 70 miles at an average speed of 50mph?

- 9) If you travel at an average speed of 80km/h for 3 hours and 17 minutes, how far to you go? Give you answer to one decimal place.

- 10) If you cycle 15 miles in 1 hour 17 minutes what is your average speed? Round your answer to two decimal places.

### UK Junior Maths Challenge Question

Which of the following calculations gives the largest answer?

A  $2 - 1$

B  $2 \div 1$

C  $2 \times 1$

D  $1 \times 2$

E  $2 + 1$