



MTH 4-20b

Homework 3

Gold Level

**Outcome 1 - Trickier mean problems**

Calculate the answers to the following questions...

**1**

The mean weight of three cats is 3.9 kilograms.  
Two of the cats weigh 3.2 and 4.1 kilograms.

What is the weight of the third cat?

**2**

The mean cost of six cars is £5500.  
Three of the cars cost £3200, one car costs £4000 and one car costs £6000.

What is the cost of the sixth car?

**3**

At the time of the gig on the roof-top the Beatles had a mean age of 28 years.

John was 29, Paul was 27 and  
George was 26.

How old was Ringo?

