

Gamma Mathematics (3rd Edition) Student Data Survey

Data you measure

- 1** What is your age? Answer in years and complete months, and also in total months. For example, if you are 13 years 2 months and 18 days old, then the answer to **a** is 13 years 2 months and the answer to **b** is $13 \times 12 + 2 = 158$ months.

a _____ years _____ months

b _____ months in total

- 2** Write down your height: _____ cm

- 3** Write down the measurement around the wrist of your left hand, and around the wrist of your right hand:

a Left: _____ mm

b Right: _____ mm

- 4** Undo your shoelaces on both shoes. On a signal from your teacher, tie up both shoelaces. Write down the time taken, in seconds, to tie both shoelaces:

Time to tie up both shoe laces: _____ seconds

- 5** Measure the length of your right foot:

a wearing shoes _____ mm

b barefoot _____ mm

- 6** Measure your handspan of your left hand: _____ mm.

- 7** Your teacher will draw a line on the board and label it AB. Estimate its length, in cm.

Length of line AB _____ cm

- 8** Your teacher will tell you the actual length of the line AB in question 7.

Complete one of these sentences:

My estimate was _____ cm more than the actual length

My estimate was _____ cm less than the actual length

Or circle:

My estimate was the same as the actual length

- 9** Now the teacher will show you another line (CD). Estimate its length, in cm.

Length of line CD _____ cm

- 10** Your teacher will tell you the actual length of the line CD in question 9.

Complete one of these sentences:

My estimate was _____ cm more than the actual length

My estimate was _____ cm less than the actual length

Or circle:

My estimate was the same as the actual length

- 11** Your teacher will time you to estimate the length of a period of silence. This is to be done without looking at a watch, clock, mobile phone etc. because it is testing your ability to estimate a time interval.

Write down your estimate of the period, in minutes and seconds, and also in total seconds. For example, if you think the period of silence was 2 minutes 37 seconds, then the answer to **a** is 2 minutes 37 seconds, and the answer to **b** is $2 \times 60 + 37 = 157$ seconds.

a Length of a period of silence _____ minutes _____ seconds

b Length of a period of silence _____ seconds

Data in a category

12 What is your gender? Circle one.

Male Female

13 Do you write your signature with your right hand or left hand?

Hand I sign with: _____

14 Think about putting on a pair of shorts or trousers in the morning. Which foot do you put into the shorts or trousers first? Left foot or right foot?

15 Cross your arms across your chest. Which arm is on top? Left arm or right arm?

16 Think about the mobile phone you currently use most often.

What network is it on? Circle one:

Telecom Two degrees Vodafone

Other - the company is _____ I don't use a mobile phone

17 Look in the Inbox and Outbox of the mobile phone mentioned in the previous question. Write down the number of text messages you received (Inbox) and the number of calls you made (Outbox) in the last week.

Number of text messages received (Inbox) _____

Number of text messages made (Outbox) _____

OR circle:

I don't use a mobile phone for text messages

OR circle:

I could not obtain this information - for example because I had deleted it