Maths and measurements

approximately *(adv)*	**depth** *(n)*	**row** *(n)*
area *(n)*	**equation** *(n)*	**square** *(n/v)*
calculate *(v)*	**fraction** *(n)*	**statistic** *(n, usually pl)*
column *(n)*	**measurement** *(n)*	**subtract** *(v)*
decimal *(n)*	**quantity** *(n)*	**width** *(n)*

> *Sum*
>
> **Sum** is a less formal way of referring to equations: *do **sums** in your head*

A Match the definitions (1–10) to the words (a–j).

1 Part of a number, written after a point (.): _____
2 A series of numbers written one under the other: _____
3 (In mathematics) a statement that two quantities are equal: _____
4 The size, amount, etc. that is found by measuring something: _____
5 The number you get when you multiply another number by itself: _____
6 A number or an amount of something: _____
7 A division of a number: _____
8 To take one number away from another: _____
9 A line of numbers written next to each other: _____
10 About: _____

a approximately
b column
c decimal
d equation
e fraction
f measurement
g quantity
h row
i square
j subtract

B Choose the best words to complete the sentences.

1 The *area / fraction* of our garden is about 90 square metres.
2 Add up the *column / row* of numbers and write the total at the bottom.
3 Look along the *column / row* of numbers and find the one with the highest value.
4 I'm trying to *calculate / subtract* how much food we'll need for the party.
5 The *statistics / total* show that women live longer than men in most cases.
6 I misjudged the *depth / width* of the snow and sank down in it up to my waist.
7 Have you managed to solve the second *equation / statistic*?
8 We didn't buy the curtains because we weren't sure of the *depth / width* of the window.
9 Do you remember the *measurements / quantities* of the room?
10 It's cheaper to buy goods in large *measurements / quantities*.

C Complete the conversations. Use one word from the vocabulary list at the top of the page for each space. Use the correct form of the words.

1 What's the _____ of a football pitch? ~ I believe it's around 7,000 square metres.
2 What's an eighth as a _____ ? ~ 0.125.
3 _____ the average age of the people in your family. ~ Um … 24, I think.
4 What's the _____ of eight? ~ 64.
5 _____ how many students in your class go to school by bus? ~ About six or seven, I think.
6 What's the _____ of an Olympic swimming pool? ~ It has to be at least two metres, but preferably three.
7 What are the _____ like for car accidents in your country? ~ They're terrible. Around 2,000 people are killed every year.
8 What's 0.25 as a _____ ? ~ A quarter.
9 _____ 18 from 92. ~ Um … 74.
10 What's the _____ of a single bed? ~ It's usually 91 cm.