



Functional Skills Certificate

FUNCTIONAL MATHEMATICS

Level 1

Data Book (Examination)

November 2018

Insert

Instructions

- This copy of the Data Book is for use in the examination. It should not be given to students in advance.

Advice

- This book will not be collected in for marking. Ensure that all working that you wish to have marked is written in the space provided in the Question Paper/Answer Book.

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QAN 500/8703/4

Data Sheet for Angling

Anglers

Anglers try to catch fish.



In competitions, anglers try to catch the biggest total weight of fish.

Angling competition

An angling competition has some semi-finals and a final.

Each semi-final has 12, 16 or 24 anglers.

The table shows the number of anglers who qualify for the final.

Number of anglers in semi-final	Number of anglers who qualify for final
12	3
16	4
24	6

Winning a competition

In the final, anglers are ranked by total weight of fish.

Anglers with the same total weight of fish are ranked by the highest number of fish.

Anglers with the same total weight of fish and number of fish are ranked by heaviest fish.

Example

In a competition, three anglers have the same biggest total weight of fish.

Angler	Total weight of fish	Number of fish	Heaviest fish
Jared	163 lb 2 oz	8	46 lb 11 oz
Stan	163 lb 2 oz	6	47 lb 8 oz
Lucy	163 lb 2 oz	8	45 lb 4 oz

Jared comes first.

Lucy comes second.

Stan comes third.

Weight

The weight of each fish can be measured in

pounds (lb) and ounces (oz)

or

kilograms (kg).

Converting pounds to kilograms

To convert a weight from pounds to kilograms, use the following steps.

Step 1 multiply the number of pounds by 5

Step 2 divide the answer to **Step 1** by 11

Example

Convert 33 pounds to kilograms.

$$33 \times 5 = 165$$

$$165 \div 11 = 15$$

33 pounds is 15 kilograms.

Turn over ►

Data Sheet for Council Tax

If you own or rent your home, you usually have to pay Council Tax.

There are eight bands of Council Tax, from **A** (lowest) to **H** (highest).

The more valuable your home, the higher your band and the more money you have to pay.

The table shows the council tax **per home** for each band in three areas of Waybridge.

	Council Tax bands (£ per year per home)							
	A	B	C	D	E	F	G	H
Heath	£1122	£1309	£1495	£1682	£2056	£2430	£2804	£3366
Mossett	£987	£1151	£1315	£1480	£1809	£2138	£2466	£2960
Kribly	£1191	£1389	£1588	£1786	£2183	£2580	£2977	£3573

Council Tax covers the period from April 1st of one year to March 31st of the next year.

In Waybridge, you can pay your Council Tax in 10 monthly payments from April to January.

You normally pay the full Council Tax if you are aged 18 or over.

You get a 25% **discount** if you are the **only** person aged 18 or over living in your home.

Example

Tina is 32 and lives on her own in Kribly.

The Council Tax band for her home is band C.

The band C amount for Kribly is £1588 per year.

Tina gets a 25% discount, so she pays £1191 per year.

She pays in 10 monthly payments.

$$1191 \div 10 = 119.1$$

She pays £119.10 each month from April to January.

Disabled people

If you are disabled and your home is adapted for your needs, your home is re-banded.

It is re-banded to one band **lower than** the usual band for that home.

You can still get the discount for living alone.

Use of Council Tax in Waybridge

Looking after children	15p per £
Education	8p per £
Road repairs and street lighting	7p per £
Buses	8p per £
Care for vulnerable adults	32p per £
Homelessness	5p per £
Arts and leisure	7p per £
Bin collection	4p per £
Street cleaning and flood defences	2p per £
Trading standards and food safety	2p per £
Planning	3p per £
Other services	7p per £

Example

Tina's Council Tax is £1191

The council uses 4p per £ for bin collection.

$$1191 \times 4 = 4764$$

The council uses £47.64 of her Council Tax for bin collection.

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