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# Functional Skills Certificate

## FUNCTIONAL MATHEMATICS

Level 2

Data Book (Examination)

March 2016

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## Insert

### Instructions

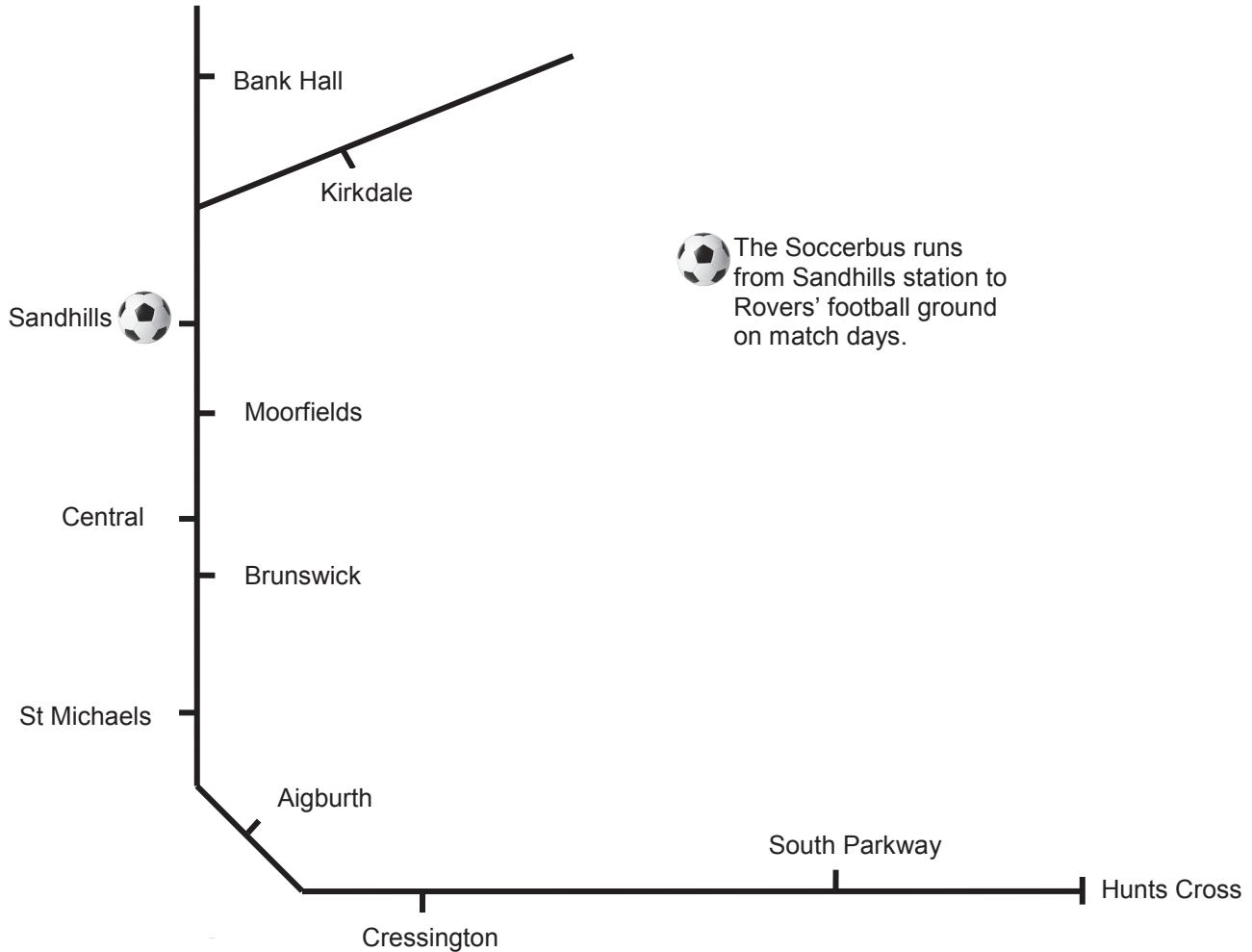
- This copy of the Data Book is for use in the examination. It should not be given to students in advance.

### 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/answer book.

### Data Sheet for Football

This diagram shows some train stations and railway lines.



Here are two ways to travel to Rovers' football ground.

- Travel by train to Sandhills station, then take the Soccerbus.
- Travel by train to Kirkdale station, then walk.


#### Soccerbus ticket prices

£1.80 single or return


Only £1.50 if you buy it with your train ticket.

## Train timetables

### Hunts Cross to Bank Hall

Hunts Cross	1236	1251	1306	1321	1336	1351	1406
South Parkway	1239	1254	1309	1324	1339	1354	1409
Cressington	1242	1257	1312	1327	1342	1357	1412
Aigburth	1244	1259	1314	1329	1344	1359	1414
St Michaels	1246	1301	1316	1331	1346	1401	1416
Brunswick	1249	1304	1319	1334	1349	1404	1419
Central	1253	1308	1323	1338	1353	1408	1423
Moorfields	1256	1311	1326	1341	1356	1411	1426
Sandhills 	1300	1315	1330	1345	1400	1415	1430
Bank Hall	1302	1317	1332	1347	1402	1417	1432

### Central to Kirkdale

Central	1310	1320	1325	1335	1340	1350	1355	1405	1410	1420
Moorfields	1314	1322	1329	1337	1344	1352	1359	1407	1414	1422
Sandhills 	1318	1326	1333	1341	1348	1356	1403	1411	1418	1426
Kirkdale	1321	1329	1336	1344	1351	1359	1406	1414	1421	1429

## Golden Goal Tickets

Each ticket has a time, in minutes and seconds, printed on it.

The winning ticket has the time closest to the time of the first goal.

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## Data Sheet for Dance studio

Sue runs a dance studio.



### Floor space

Here is some information about the floor space needed in a dance class.

Each junior (child up to 11 years old) needs  $3 \text{ m}^2$  of floor space.

Each senior (child over 11 years old) needs  $5 \text{ m}^2$  of floor space.

The dance teacher also needs some floor space.

### Temperature

Use this formula to convert degrees Celsius ( $^{\circ}\text{C}$ ) to degrees Fahrenheit ( $^{\circ}\text{F}$ ).

$$F = 1.8C + 32$$

$F$  is the temperature in degrees Fahrenheit.

$C$  is the temperature in degrees Celsius.

**END OF DATA**

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