

Level 1 Essential Application of Number Skills Confirmatory test

Maximum duration: 30 minutes

This test consists of 20 multiple choice questions.

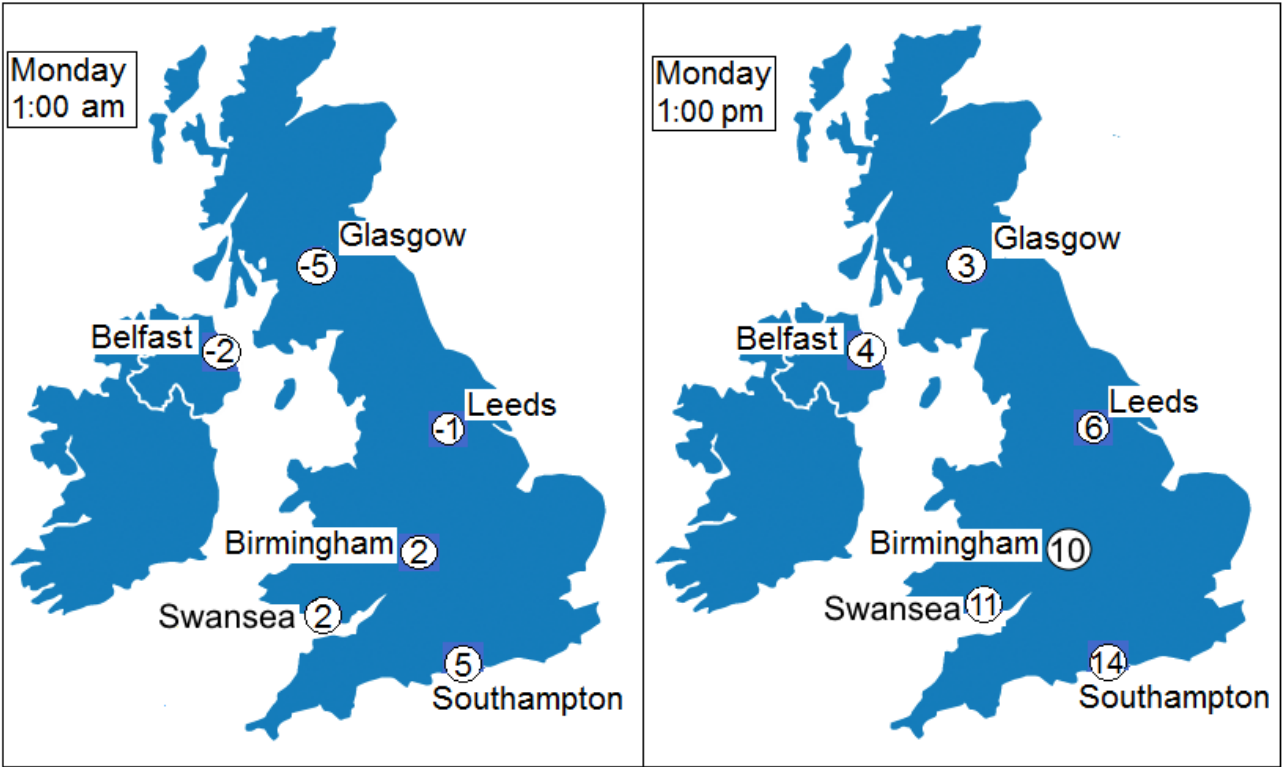
Sample Assessment – Paper 2

The use of a calculator is not allowed



Questions 1 to 6 are about weather maps.

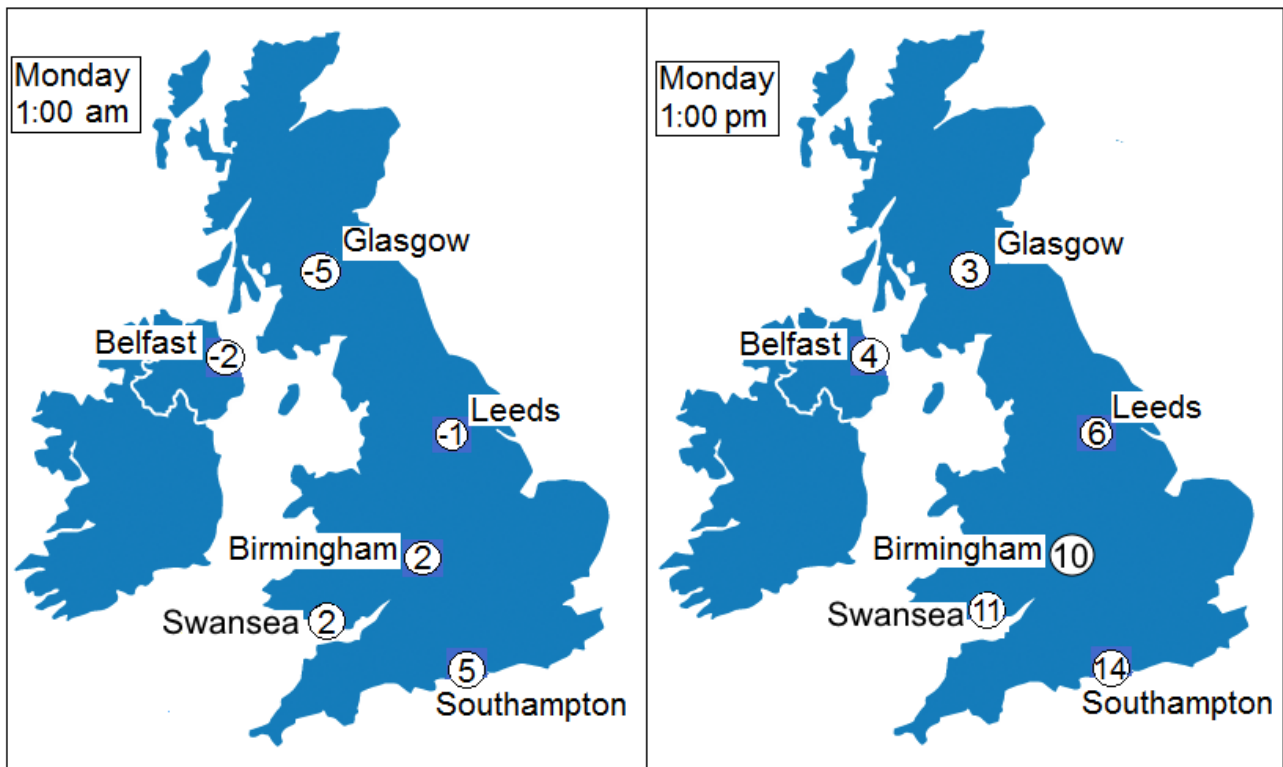
1 These maps show the temperatures in degrees Celsius in the UK on one day.



How much did the temperature rise in Glasgow between 1:00 am and 1:00 pm?

| | | |
|---|------------|--|
| A | -8 degrees | |
| B | -2 degrees | |
| C | 2 degrees | |
| D | 8 degrees | |

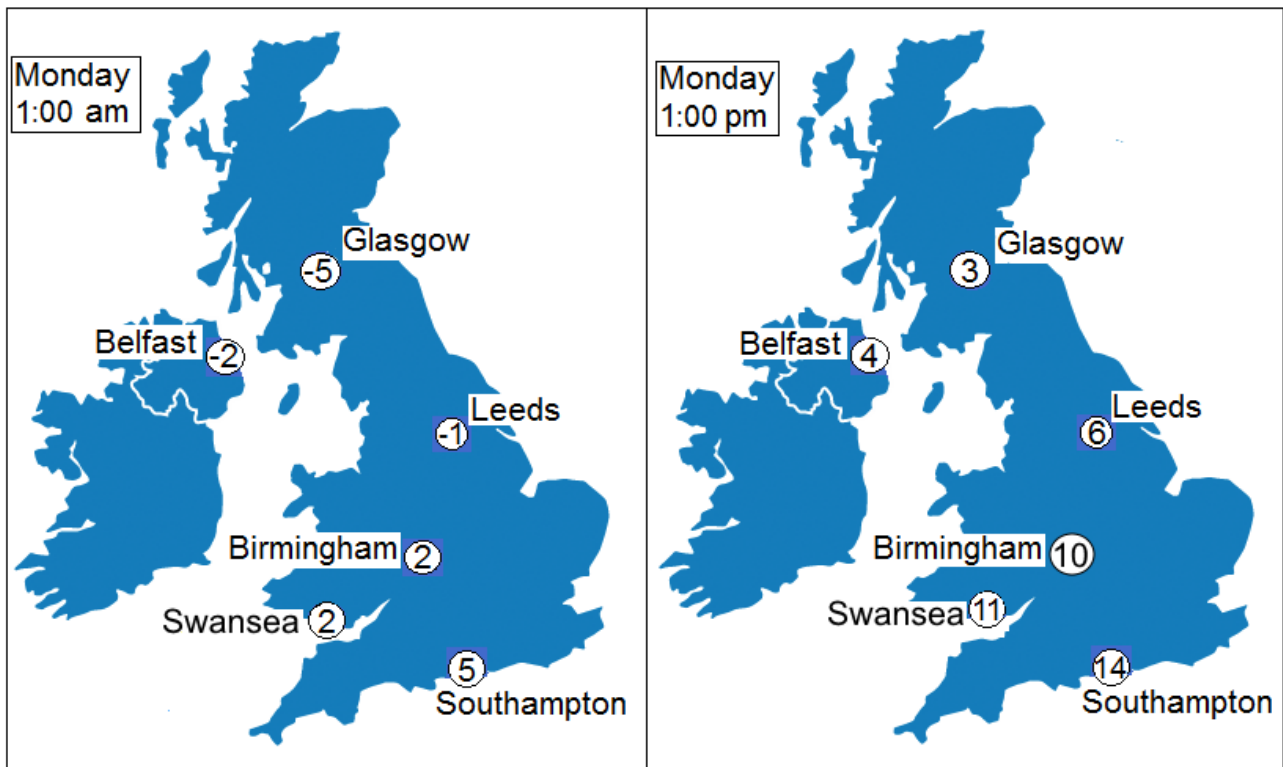
2 These maps show the temperatures in degrees Celsius in the UK on one day.



In which city did the temperature change by 6 degrees between 1:00 am and 1:00 pm?

| | | |
|---|-------------|--|
| A | Belfast | |
| B | Birmingham | |
| C | Leeds | |
| D | Southampton | |

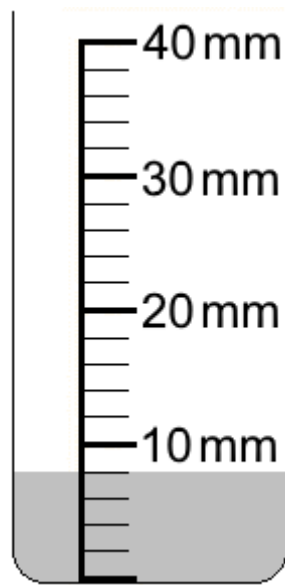
- 3 These weather maps show the temperatures in degrees Celsius in the UK on one day.



What is the difference between the times on the two maps

| | | |
|---|----------|--|
| A | 10 hours | |
| B | 12 hours | |
| C | 20 hours | |
| D | 24 hours | |

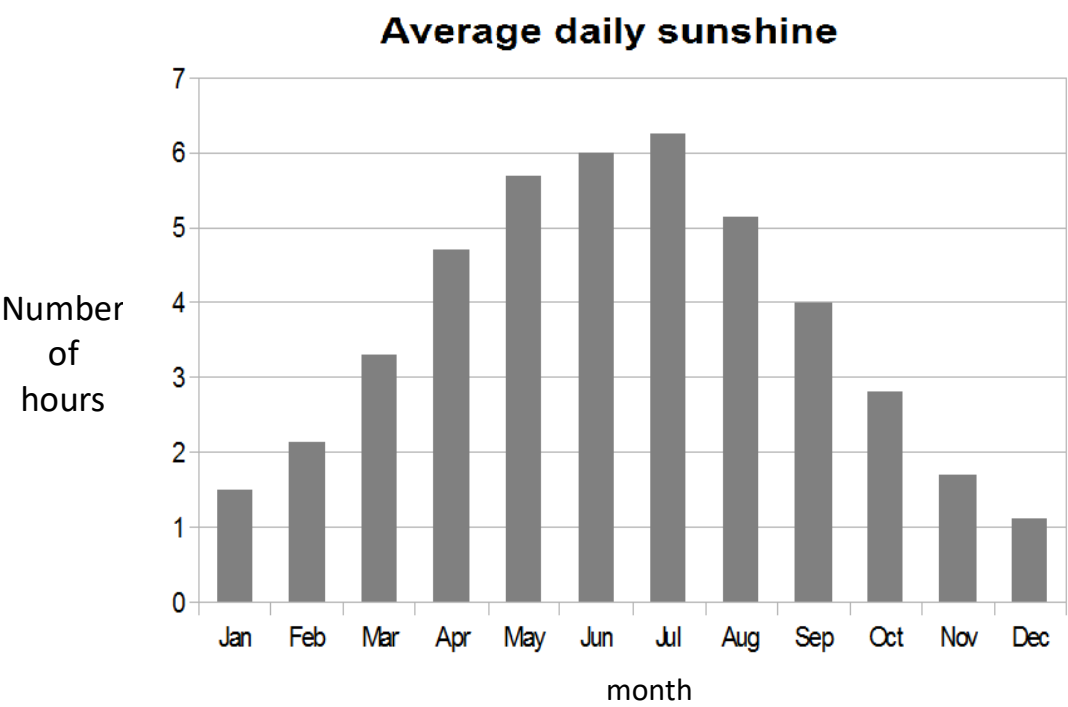
4 This tube collects rainfall.



What is the rainfall measurement in the tube?

| | | |
|---|-------|--|
| A | 4 mm | |
| B | 8 mm | |
| C | 9 mm | |
| D | 11 mm | |

5 This graph shows the average daily sunshine during the year.



How many months have an average daily sunshine of 5 hours or more?

| | | |
|---|---|--|
| A | 3 | |
| B | 4 | |
| C | 5 | |
| D | 8 | |

6 Average rainfall in May is 80 mm.

One day in May last year had 20% of the average rainfall.

What is 20% of 80 mm?

| | | |
|---|-------|--|
| A | 4 mm | |
| B | 8 mm | |
| C | 16 mm | |
| D | 60 mm | |

Questions 7 to 11 are about keeping chickens.

- 7 This table shows the number of eggs laid by some chickens each day for seven days.

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|--------|---------|-----------|----------|--------|----------|--------|
| 1 | 5 | 6 | 3 | 3 | 4 | 6 |

What is the average (mean) number of eggs laid each day?

| | | |
|---|---|--|
| A | 3 | |
| B | 4 | |
| C | 5 | |
| D | 6 | |

- 8 The eggs are put into cartons. Each carton is sold for £1.08

What is the total cost of 7 cartons?

| | | |
|---|--------|--|
| A | £7.56 | |
| B | £7.65 | |
| C | £7.76 | |
| D | £12.60 | |

- 9 Ninety eggs are produced for selling. One tenth of the eggs are large and the rest are medium.

How many of the eggs are medium?

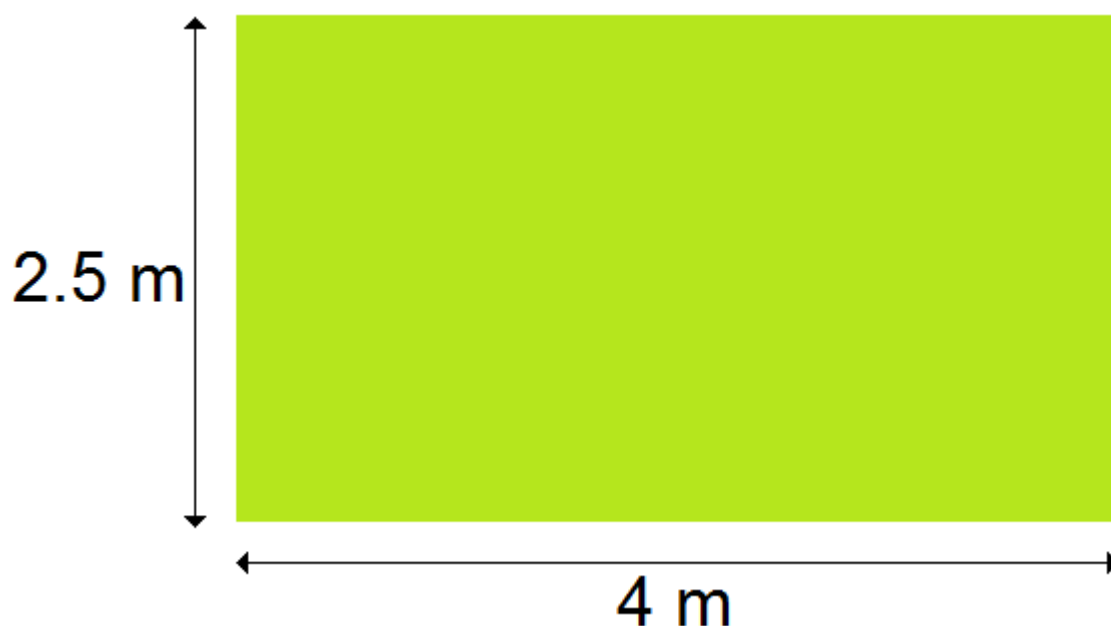
| | | |
|---|----|--|
| A | 9 | |
| B | 10 | |
| C | 80 | |
| D | 81 | |

- 10 Each chicken should have 1.2 m^2 of space in a chicken run.

How much space is needed for 15 chickens?

| | | |
|---|------------------|--|
| A | 17 m^2 | |
| B | 18 m^2 | |
| C | 27 m^2 | |
| D | 45 m^2 | |

- 11 A fence is to be put up around a different chicken run.



What is the total length of fencing needed to go around this chicken run?

| | | |
|---|--------|--|
| A | 6.5 m | |
| B | 10 m | |
| C | 10.5 m | |
| D | 13 m | |

Questions 12 to 15 are about holidays abroad.

- 12 The number of British people who travelled abroad last year was three million six hundred and forty five thousand.

What is this number in figures?

| | | |
|---|-----------|--|
| A | 3 645 000 | |
| B | 3 600 450 | |
| C | 3 064 500 | |
| D | 3 000 645 | |

- 13 This table shows the most popular countries that British travellers visit.

| Country | Percentage of British Visitors |
|---------------|--------------------------------|
| Spain | 25% |
| United States | 12% |
| France | 9% |
| Italy | 8% |
| Greece | 7% |
| Portugal | 6% |
| Turkey | 5% |

Which country is visited by $\frac{1}{4}$ of British travellers?

| | | |
|---|---------------|--|
| A | Italy | |
| B | Spain | |
| C | Turkey | |
| D | United States | |

- 14 The table shows the top seven countries that British people visit.

| Country | Percentage of British Visitors |
|-----------------|--------------------------------|
| Spain | 25% |
| United States | 12% |
| France | 9% |
| Italy | 8% |
| Greece | 7% |
| Portugal | 6% |
| Turkey | 5% |
| Other countries | |

What percentage of British travellers visit other countries?

| | | |
|---|-----|--|
| A | 28% | |
| B | 30% | |
| C | 38% | |
| D | 68% | |

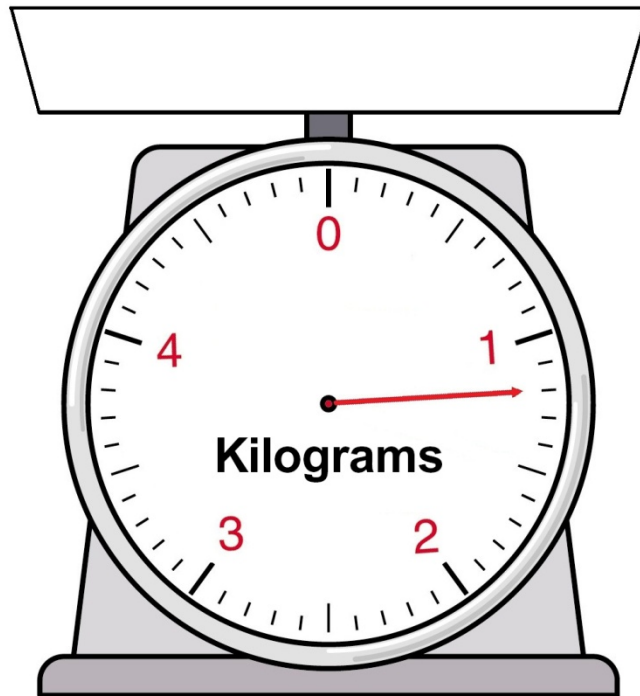
- 15 Eight percent of British people will not go on holiday this year.

What is 8% as a fraction?

| | | |
|---|----------------|--|
| A | $\frac{1}{8}$ | |
| B | $\frac{8}{10}$ | |
| C | $\frac{2}{25}$ | |
| D | $\frac{1}{20}$ | |

Questions 16 to 20 are about preparing baby milk.

16 The contents of a packet of powdered milk are measured on this scale.



What is the weight of the powdered milk in grams?

| | | |
|---|------------|--|
| A | 800 grams | |
| B | 900 grams | |
| C | 1100 grams | |
| D | 1200 grams | |

- 17 The instructions for preparing baby milk state:

Mix 100 grams of powdered milk with 700 millilitres of water.

How much water should be mixed with 300 grams of powdered milk?

| | | |
|---|---------|--|
| A | 1000 ml | |
| B | 1400 ml | |
| C | 2100 ml | |
| D | 2800 ml | |

- 18 One large packet of powdered milk costs £12.00

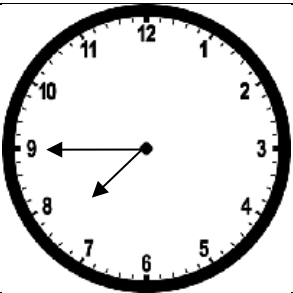
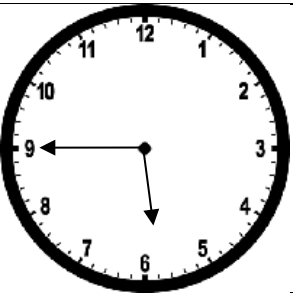
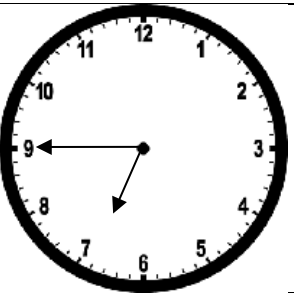
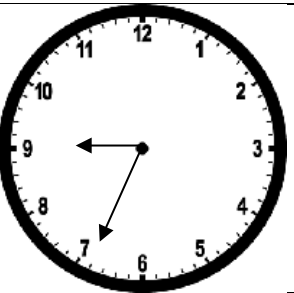
This is enough to make 30 bottles of baby milk.

What is the cost of the powdered milk for 1 bottle of baby milk?

| | | |
|---|----------|--|
| A | 4 pence | |
| B | 25 pence | |
| C | 36 pence | |
| D | 40 pence | |

- 19 A baby has a feed at 18:45

Which clock shows 18:45?

| | | | |
|---|---|--|---|
| A | B | C | D |
|  |  |  |  |
| | | | |

20 A parent boils 2.6 litres of water to prepare some baby milk.

He pours equal amounts of the water into 4 bottles.

How much water is there in each bottle?

| | | |
|---|-------------|--|
| A | 0.26 litres | |
| B | 0.56 litres | |
| C | 0.62 litres | |
| D | 0.65 litres | |