

**Key skills application of number
Adult numeracy
Level 1**

Practice Test Paper F

YOU NEED

- This test paper
- An answer sheet

You may NOT use a calculator

You may use a bilingual dictionary

Do NOT open this paper until you are told to do so by the supervisor

There are 40 questions in this test

Total marks available: 40

Try to answer ALL the questions

YOU HAVE 1 HOUR AND 15 MINUTES TO FINISH THE TEST

INSTRUCTIONS

- Make sure your personal details are entered correctly on the answer sheet
- Read each question carefully
- Follow the instructions on how to complete the answer sheet
- At the end of the test hand in the question paper, your answer sheet and all notes to the supervisor

REMEMBER: YOU HAVE 1 HOUR AND 15 MINUTES TO FINISH THE TEST

Note for learners and tutors. This is a practice test that has been put together using questions similar to those that you would find in a "live" Key skills application of number or Adult numeracy test. The layout of the test is also the same as that used for a live test.

1. A charity raises fourteen thousand and fourteen pounds.

What is this amount in figures?

- A £1 414
- B £14 014
- C £140 014
- D £1 400 014

2. The charity organises a dance. One hundred and fifty people pay £3.50 each.

How much do they pay altogether?

- A £52.50
- B £525.00
- C £5 250.00
- D £52 500.00

3. 63 241 people go to a football match.

What is this number rounded to the nearest thousand.

- A 63 000
- B 63 200
- C 63 240
- D 64 000

4. Twenty seven thousand five hundred and six people go to another match.

What is this number in figures?

- A 27 506
- B 27 560
- C 275 006
- D 2 700 506

5. A receptionist earns £6.15 an hour. She works 39 hours a week.

Which of these is closest to what she earns in a week?

- A £6 × 30
- B £7 × 30
- C £6 × 40
- D £7 × 40

6. Here is part of a shop catalogue.

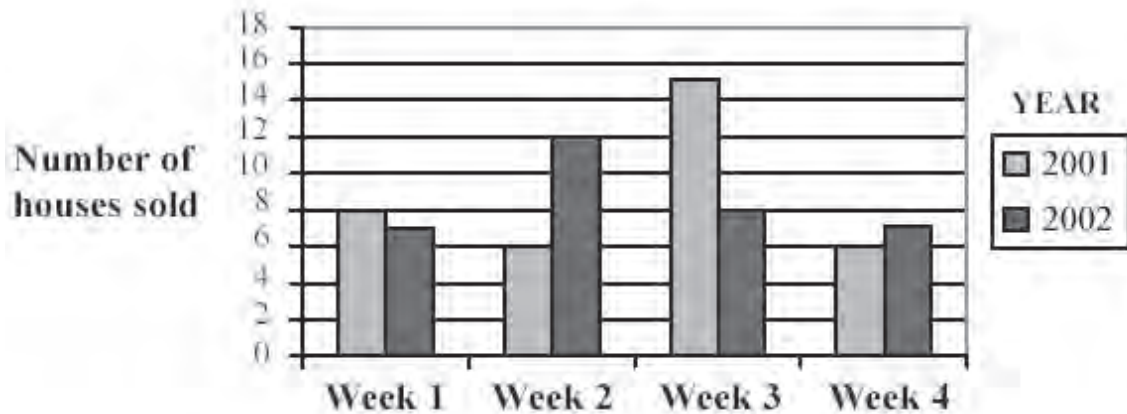
Item Number	Catalogue Number	Description	Power	Digits	Functions	Case	Memory	Colour of case	Price
6	680/453	Sinclair 3D	B	8	64	Wallet	Virtual	Black	£6.75
7	680/522	Texas 23S	S	8	128	Hard	Virtual	Black	£7.75
8	680/344	Casio 125	S	10	128	Hard	Virtual	Blue	£9.99
9	580/238	Textet DF	B	10	79	Wallet	Virtual	Black	£9.25
10	580/212	Sharp 34D	B	10	64	Wallet	Bubble	Blue	£11.50

What is the price of the calculator that has 10 digits, a virtual memory and a blue case?

- A £11.50
- B £9.99
- C £9.25
- D £7.75

7. The graph shows house sales for four weeks in July 2001 and 2002.

House Sales - July 2001 and July 2002



How many houses were sold in the four weeks in July 2001?

- A 32
- B 33
- C 34
- D 35

8. The label on a large bottle of juice states 'dilute 1 part juice to 4 parts water'.

How much water must be added to 2 litres of juice?

- A 0.2 litres
- B 1.8 litres
- C 8 litres
- D 10 litres

9. This recipe is for 2 fruit scones.

100g flour
1 egg
50ml milk
25g currants

How much flour is needed to make 3 of these fruit scones?

- A 15g
- B 150g
- C 200g
- D 300g

10. A lift travels from the first floor to the sixth floor. The distance between each floor is 3.5m.

How far does the lift travel?

- A 35m
- B 21m
- C 17.5m
- D 6m

11. There are six people in the lift. Their weights are

87.6kg; 91.3kg; 47.3kg; 62.3kg; 52.7kg; 84.2kg.

What is their total weight?

- A 4.254kg
- B 42.54kg
- C 425.4kg
- D 4 254.0kg

12. This is part of the train timetable from Bristol to London.

Bristol	0540	0606	0645	0815
Bath	0552	0618	0657	0827
Chippenham	0603	0629	0708	0838
Swindon	0619	0645	-----	0854
Didcot	0636	0702	0735	-----
Reading	0651	0717	-----	0925
Slough	-----	-----	-----	-----
London	0721	0753	0818	0956

A person needs to arrive in London by 7:45 in the morning.

What is the time of the latest train from Bristol she can catch?

- A 0540
- B 0606
- C 0645
- D 0815

Questions 13 to 15 are about building

13. A builder lays a square patio. He uses a scale drawing with sides of 10cm.

The scale of the drawing is 2cm to 1m

What is the actual length of one side of the patio?

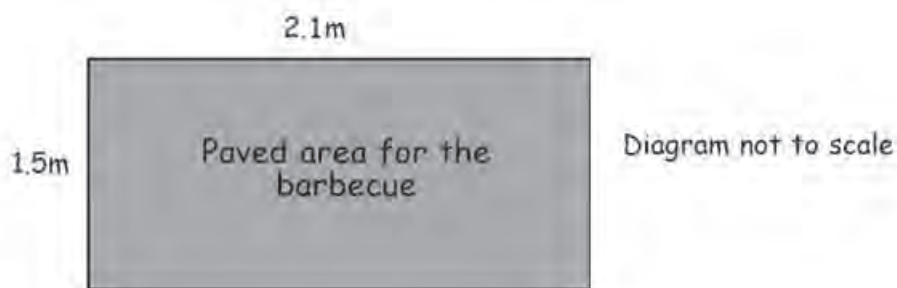
- A 2m
- B 2.5m
- C 5m
- D 10m

14. The builder lays a path in the garden. He uses square slabs 55cm by 55cm. The path is 2 slabs wide and 11m long.

How many slabs does the builder lay?

- A 10
- B 20
- C 40
- D 55

15. Another area is paved for a barbecue.



The area paved for the barbecue is

- A 3.1m^2
- B 3.15m^2
- C 3.6m^2
- D 7.2m^2

16. A shoe shop had 44 customers in one hour. Of these 11 were men.

What percentage of the customers were men?

- A 4%
- B 20%
- C 25%
- D 44%

17. The table shows the entry prices for a theme park.

Family Ticket (2 adults & 2 children)	£ 38.00
Adult (10 years and over)	£ 11.50
Children (3-9 years)	£ 10.50
Senior Citizens	£ 7.50
Groups (Minimum number 20)	£ 9.75

A group of seven teenagers and one 9 year old visit the theme park.

Which of these gives their total entry cost?

- A $£9.75 \times 8$
- B $£9.75 \times 7 + £10.50$
- C $£10.50 \times 7 + £11.50$
- D $£11.50 \times 7 + £10.50$

18. The queuing time for a ride is 50 minutes. The clock shows the time when the group joins the queue.



What time should their ride start?

- A 2:55pm
- B 3:05pm
- C 3:15pm
- D 3:20pm

19. The table shows the number of people at different showings of a film.

2:30pm	4:30pm	7:00pm	9:30pm
150	300	225	250

One hundred of those at the 9:30pm showing are under 18.

What fraction is this of the people at that showing?

- A $\frac{1}{3}$
- B $\frac{2}{5}$
- C $\frac{3}{5}$
- D $\frac{2}{3}$

20. The table shows the number of people at different showings of a film.

2:30pm	4:30pm	7:00pm	9:30pm
150	300	225	250

The cinema manager expects 40% of people at the 4:30pm showing to buy a bag of popcorn.

How many bags of popcorn is this?

- A 40
- B 80
- C 120
- D 150

21. Petrol costs 75.9p per litre. A driver buys 10 litres.

Which of these correctly shows what he has to pay?

- A £75.90
- B 7 590p
- C £7.59p
- D £7.59

22. The driver travels 180 miles and uses 31 litres of petrol.

Which of these calculations shows how many miles the car travels on 1 litre, on average?

- A 31×180
- B $31 \div 180$
- C 180×31
- D $180 \div 31$

23. A student uses a calculator to work out $6\ 000 \div 23$. This is what the calculator shows:



What is the answer rounded to the nearest whole number?

- A 300
- B 261
- C 260.8
- D 260

Questions 24 and 25 are about a student preparing for a driving test exam

24. An exam starts at 1430. The student leaves home at 1245.

How many minutes before the exam is this?

- A 90
- B 105
- C 165
- D 185

25. The student sits the driving test written paper and answers 60 questions in thirty minutes.

How long does each question take her, on average (mean)?

- A 2 seconds
- B 3 seconds
- C 20 seconds
- D 30 seconds

26. A one litre bottle of milk could also be correctly labelled

- A 10ml
- B 100ml
- C 1000ml
- D 10000ml

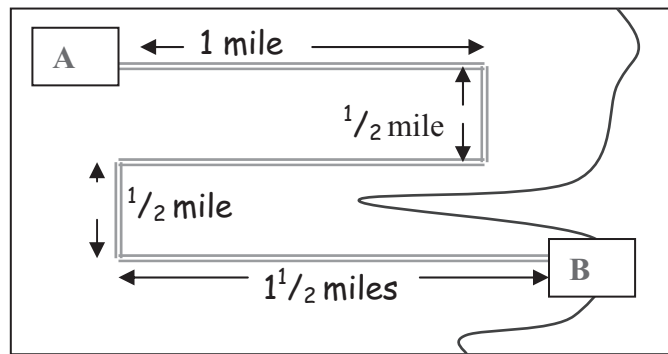


27. In a pub, 75% of the people bought raffle tickets.

What fraction did **not** buy any?

- A $\frac{1}{4}$
- B $\frac{1}{5}$
- C $\frac{1}{2}$
- D $\frac{3}{4}$

28.



According to the diagram, the distance on the ground from A to B is approximately

- A 3.0 miles
- B 3.5 miles
- C 4.0 miles
- D 4.5 miles

29. In five days an estate agent sold 20 houses.

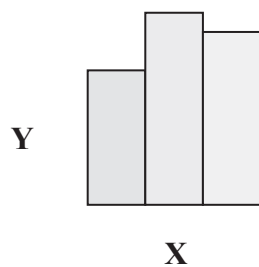
How many houses did she sell per day, on average (mean)?

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

30. A student makes a tally of people entering a shop over a period of three hours. This is what he recorded:

1st hour |||| |||| |||| |||| |
2nd hour |||| |||| |||| |||| |||| |||| ||
3rd hour |||| |||| |||| |||| |||| |||

He then made this rough chart:



He should label the X-axis

- A Hour
- B Key
- C Number of shops
- D Number of people

31. A club got 150 people to buy £10 tickets for their charity event.

How much money did the club raise from selling the tickets?

- A £15
- B £150
- C £1 500
- D £15 000

32. A pizza van makes 50 deliveries, which is a total of 200 miles.

How many miles, on average (mean), is each delivery?

- A 2 miles
- B 4 miles
- C 8 miles
- D 16 miles

33. A pizza shop owner calculated that each home delivery took, on average, 15 minutes.

How long would it take to make 10 deliveries?

- A 1 hour 15 minutes
- B 1 hour 30 minutes
- C 2 hours 30 minutes
- D 2 hours 45 minutes

34. You buy a 1-litre bottle of squash. The label says dilute 1 part squash : 5 parts water.

How much diluted drink would half a bottle of squash make?

- A 2.5 litre
- B 3.0 litres
- C 5.0 litres
- D 6.0 litres



35. A man wants to buy a new TV costing £479 and uses his calculator to work out how much he will have to pay per month for 24 months. The calculator display shows:



How much will he need to pay per month to the nearest pound?





- A £20.00
- B £19.96
- C £19.95
- D £19.00

36. A recipe is for 24 jam tarts but you want to make just three-quarters of that amount.

How many tarts will you make?

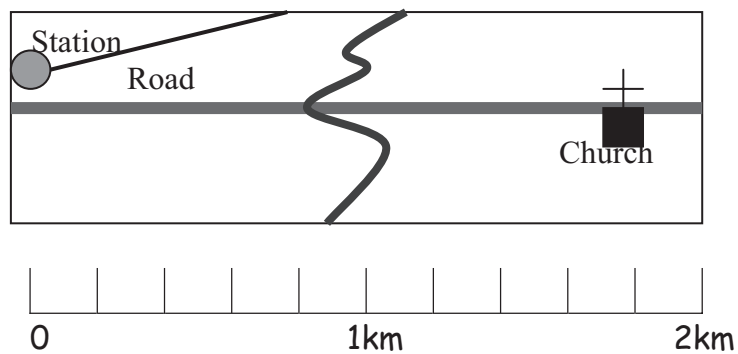
- A 12
- B 14
- C 18
- D 20

37. What is the average (mean) age of these children?

John 6.5 years 	Ingrid 4.5 years 
Abdul 4.0 years 	Sushi 3.0 years 

- A 3.5 years
- B 4.5 years
- C 5.5 years
- D 6.5 years

38. Look at the map and scale.



The approximate distance from the station to the church by road, is

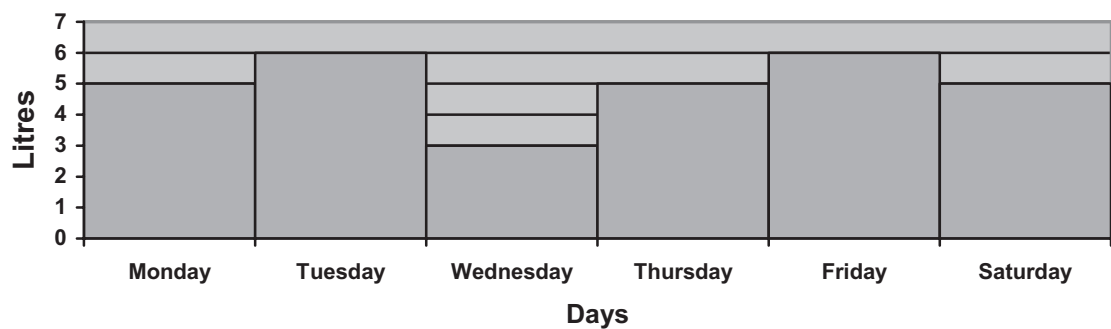
- A 1.2km
- B 1.4km
- C 1.6km
- D 1.8km

39. A woman worked, without a break, from 1:15pm until 3:45pm.

Altogether, this was a period of

- A 2 hours
- B 2 hours 15 minutes
- C 2 hours 30 minutes
- D 2 hours 45 minutes

40. A driver measures the petrol used by his car over a few days. The results are as follows:



The average (mean) consumption per day is

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

End of test