

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

Practice Test Paper H

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 soccer club raises twenty one thousand and eight pounds.

What is this amount in figures?

- A £2 108
- B £21 008
- C £21 800
- D £210 008

2. The club organises a dance. Two hundred people pay £5.50 each.

How much do they pay altogether?

- A £1 010
- B £1 100
- C £10 100
- D £11 000

3. 67 212 people go to a rugby match.

Round this number to the nearest ten thousand.

- A 67 000
- B 67 200
- C 67 210
- D 70 000

4. Twenty three thousand six hundred and four people go to another match.

What is this number in figures?

- A 23 604
- B 23 640
- C 236 004
- D 2 300 604

5. A receptionist earns £7.20 an hour. She works 38 hours a week.

Which of these sums would produce the closest to what she earns in a week?

- A $£7 \times 30$
- B $£8 \times 30$
- C $£7 \times 40$
- D $£8 \times 40$

6. The receptionist saves £45 each week towards a holiday. She needs to save £500.

Which of these gives the number of weeks she needs to save for?

- A $45 \div 500$
- B $500 \div 45$
- C 500×45
- D 45×500

7. Here is part of a mail order catalogue.

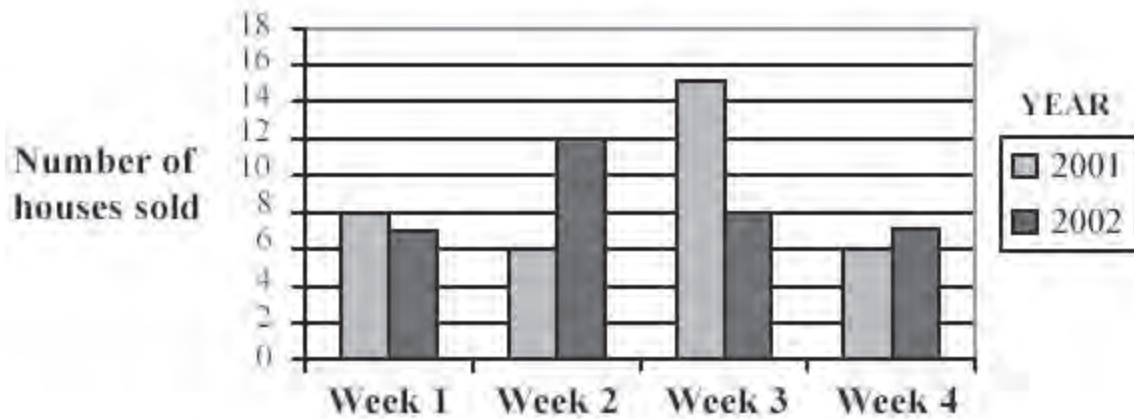
| Item Number | Catalogue Number | Description and Name | Power | Digits | Functions | Case | Memory | Colour of case | Price |
|-------------|------------------|----------------------|-------|--------|-----------|--------|---------|----------------|--------|
| 6 | 680/453 | Sinclair 3D | B | 8 | 64 | Wallet | Virtual | Black | £6.75 |
| 7 | 680/522 | Texas 235 | 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 catalogue number of the calculator that has 10 digits, a virtual memory and a black case?

- A 680/522
- B 680/344
- C 580/238
- D 580/212

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

House Sales - July 2001 and July 2002



How many houses were sold in total in the four weeks in July 2002?

- A 32
 - B 33
 - C 34
 - D 35
9. This recipe is for 2 fruit scones.

| |
|--|
| 100g flour 1 egg 50ml milk 25g currants |
|--|

What amount of currants is needed to make 16 of these fruit scones?

- A 100g
- B 160g
- C 200g
- D 250g

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

How far does the lift travel?

- A 21.35m
- B 24.4m
- C 24.5m
- D 28m



11. 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 in Bath needs to arrive in London by half past eight in the morning.

What is the time of the latest train that person can catch from Bath?

- A 0552
- B 0606
- C 0618
- D 0657

12. A builder is laying some square decking. He uses a scale drawing.



Scale: 2cm to 1m

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

- A 2m
- B 5m
- C 10m
- D 20m

13. The builder lays a driveway. He uses square slabs 60cm by 60cm. The driveway is 4 slabs wide and 7.2m long.

How many slabs does the builder lay?

- A 12
- B 44
- C 48
- D 52

14. An optician examines 36 patients. Three quarters of them need spectacles.

How many of the patients need spectacles?

- A 24
- B 27
- C 30
- D 32

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

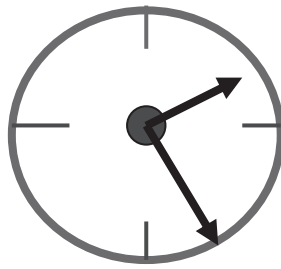
| TICKET PRICES (per person) | |
|-----------------------------------|--------|
| Adults | £11.50 |
| Children (5 – 17) | £10.50 |
| Senior citizens | £7.50 |
| Groups (minimum number 20) | £9.75 |

A group of five adults and one child visit the theme park.

Which of these gives their total entry cost?

- A $£9.75 \times 6$
- B $£9.75 \times 5 + £10.50$
- C $£10.50 \times 5 + £11.50$
- D $£11.50 \times 5 + £10.50$

16. The queuing time for a ride is 55 minutes.



The clock shows the time when the group joins the queue.

What time should their ride start?

- A 3:15
- B 3:20
- C 3:25
- D 3:30

Questions 17 and 18 are about a bingo hall.

17. The table shows the number of people who go to different sittings at a bingo hall.

| 2:30pm | 4:30pm | 7:00pm | 9:30pm |
|--------|--------|--------|--------|
| 150 | 175 | 210 | 250 |

One hundred of those at the 2:30pm sitting are senior citizens.

What fraction are they of all the people at that sitting?

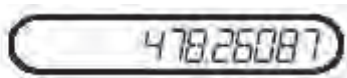
- A $\frac{3}{5}$
- B $\frac{2}{3}$
- C $\frac{3}{4}$
- D $\frac{4}{5}$

18. The bingo manager expects 40% of people who attend the 7:00pm sitting to buy a cup of coffee.

How many cups of coffee is this?

- A 40
- B 80
- C 84
- D 96

19. A student uses her calculator to work out $11,000 \div 23$. This is what her calculator shows:



What is her answer rounded to the nearest whole number?

- A 478
- B 478.3
- C 479
- D 480

20. An exam starts at 12:30. A student leaves home at 10:55.

How many minutes before the exam is this?

- A 55 minutes
- B 95 minutes
- C 105 minutes
- D 165 minutes

21. A student sits an exam and answers the first 24 questions in thirty-six minutes.

How long has each question taken her, on average?

- A 36 seconds
- B 40 seconds
- C 90 seconds
- D 150 seconds

22. A driver travels 250 miles and uses 29 litres of petrol.

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

- A $250 \div 29$
- B 250×29
- C $29 \div 250$
- D 29×250

23. The label on a large bottle of juice states 'dilute 1 part juice to 5 parts water'.

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

- A 0.2 litres
- B 1.5 litres
- C 10 litres
- D 11 litres

24. There are six parcels on the warehouse scales. Their weights are

87.8kg; 91.3kg; 47.3kg; 62.3kg; 52.7kg; 84.2kg.

What is their total weight?

- A 4.256kg
- B 42.56kg
- C 425.6kg
- D 4254.0kg

25. A room is measured for a new carpet.



The area to be carpeted is

- A 1.2m^2
- B 4.8m^2
- C 5.4m^2
- D 9.6m^2

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

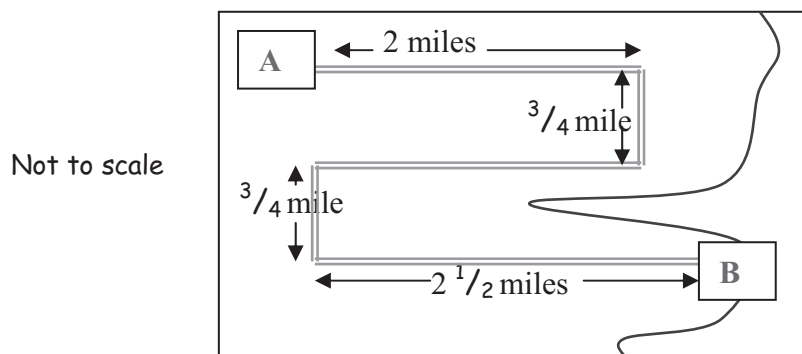
- A 20ml
- B 200ml
- C 2 000ml
- D 20 000ml

27. 25% of the people in a pub bought raffle tickets.

How many did NOT buy any?

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

28.



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

- A 7.0 miles
- B 7.5 miles
- C 8.0 miles
- D 8.5 miles

29. In five days an estate agent sold 25 houses.

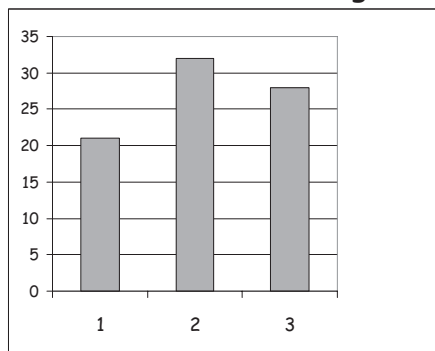
How many houses did she sell per day, on average?

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

30. A householder makes a tally of cars illegally parked in her street over a period of three days. This is what she recorded:

1st day ||||- ||||- ||||- ||||- |
2nd day ||||- ||||- ||||- ||||- ||||- ||||- ||
3rd day ||||- ||||- ||||- ||||- ||||- |||

She then made this rough chart:



She should label the Y axis:

- A Day
- B Time
- C Number of cars
- D Number of streets

31. Thirty-five club members raised £100 each in the club's sponsored charity event.

How much money did the club raise from this?

- A £35
- B £350
- C £3 500
- D £35 000

32. A coal lorry makes 50 deliveries - a total of 400 miles.

How many miles, on average, is each delivery?

- A 4 miles
- B 6 miles
- C 8 miles
- D 12 miles

33. A supermarket calculated that each home delivery took, on average, 21 minutes.

How long would it take to make 10 deliveries?

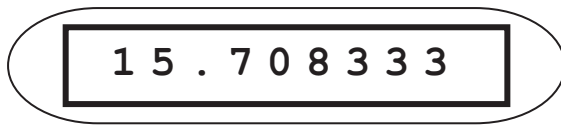
- A 2 hour 10 minutes
- B 2 hour 30 minutes
- C 3 hours 10 minutes
- D 3 hours 30 minutes

34. You buy a 2-litre bottle of fruit juice. The label says dilute 1 part juice : 5 parts water.

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

- A 2.5 litres
- B 3 litres
- C 5 litres
- D 6 litres

35. A man wants to buy a new Hi-Fi system costing £377 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 £15.00
- B £15.70
- C £15.71
- D £16.00

36. A recipe is for 48 mince pies but you want to make just three-quarters of that amount.

How many pies will you make?

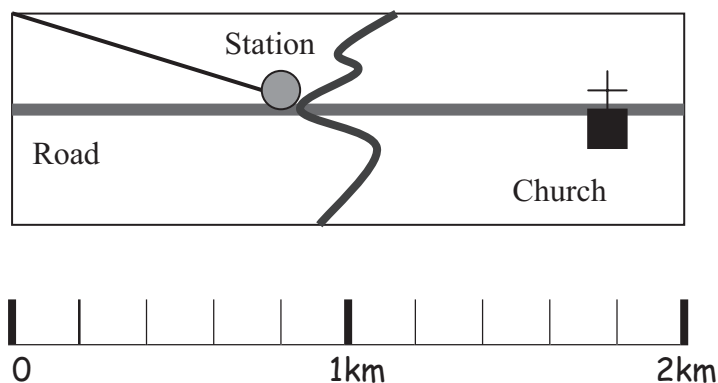
- A 12
- B 24
- C 36
- D 40

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

| | |
|--|---|
| Alexia 8.5 years  | Ling 4.5 years  |
| Yussup 3.5 years  | Fred 3.5 years  |

- A 3.5 years
- B 4.0 years
- C 5.0 years
- D 6.0 years

38. Look at the map and scale.



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

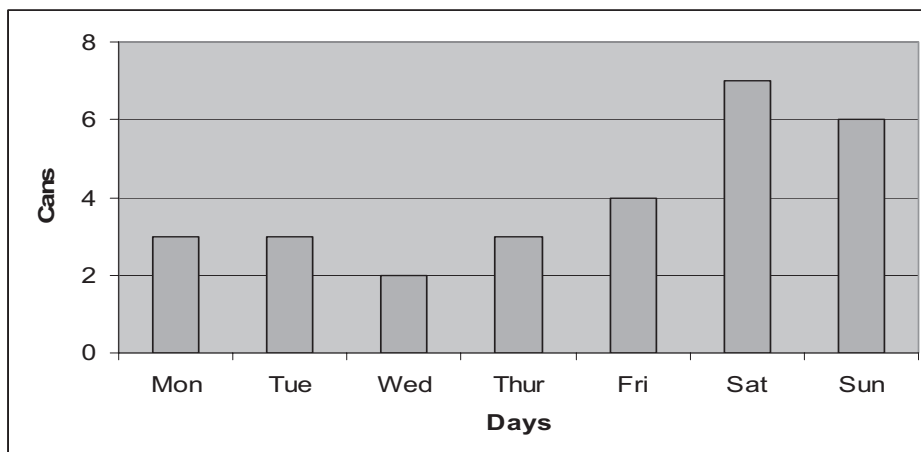
- A 0.5km
- B 0.6km
- C 0.8km
- D 1.0km

39. A man worked, without a break, from 1:35pm until 4:45pm.

Altogether, this was a period of

- A 3 hours
- B 3 hours 05 minutes
- C 3 hours 10 minutes
- D 3 hours 15 minutes

40. The doctor asked her patient to keep a record of cans of cola drunk per week. The graph below shows the result:



The average consumption per day is

- A 2 cans
- B 3 cans
- C 4 cans
- D 5 cans

End of test