

Name

These questions are about the cars in a second-hand showroom



1) What is the total cost of a Mini and a Ford Anglia?

- a) £911
- b) £801
- c) £901
- d) £891

2) How much more does it cost for an Austin Metro than a Mini?

- a) £244
- b) £254
- c) £344
- d) £354

3) The Ford Anglia is reduced in a sale by a quarter.

What is the correct way to work out a quarter of £504?

- a) $504 - 4$
- b) $4 \div 504$
- c) $504 \div 4$
- d) 4×504

4) What is the total cost of two Austin Metros?

- a) £1292
- b) £1282
- c) £1082
- d) £2282

5) What is the cost of the Ford Ka to the nearest £100?

- a) £230
- b) £300
- c) £225
- d) £200

Name

These questions are about a café

6) What is the correct way to work out the total cost of a cup of tea and a stottie in pounds and pence on a calculator?

Tea	95p
Coffee	£1.20
Hot Chocolate	£1.35
Cheese Stotties	£2.20

- a)
- b)
- c)
- d)

7) The cost of two cups of tea is shown on the calculator screen. What is the cost in pounds and pence?



- a) One pound and nine pence
- b) One point nine pounds
- c) One point nine pence
- d) One pound and ninety pence

The table shows the number of people who used the café in one week

Day	Mon	Tues	Wed	Thurs	Fri
Number of people	127	93	88	149	161

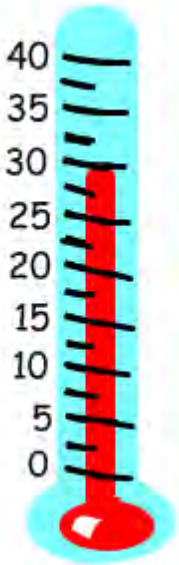
8) Which of these shows the numbers of people correctly arranged in order of size, from the largest to the smallest?

- a) 93, 88, 127, 149, 161
- b) 88, 93, 127, 149, 161
- c) 161, 149, 127, 93, 88
- d) 161, 149, 127, 88, 93

9) On which day was the number of people using the café an even number?

- a) Mon
- b) Tues
- c) Wed
- d) Thurs

Name



These questions are about a conservatory

The thermometer shows the temperature inside the conservatory

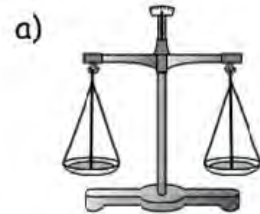
10) What is the temperature inside the conservatory?

- a) 25°C
- b) 28°C
- c) 30°C
- d) 32°C

11) A long shelf in the conservatory measures 320 cm



What is the best tool to use to measure the length of the shelf?



12) The shelf is for books. Each book is 6cm wide.
How many books can fit side by side on the shelf?



- a) 54
- b) 326
- c) 1920
- d) 53

Name

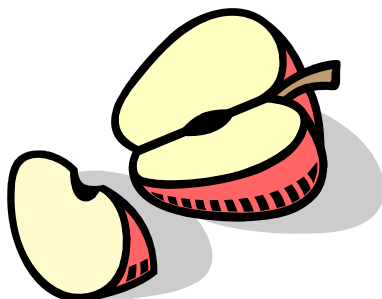
13) The plants in the conservatory need 800ml of water each day.

Which of these contains about 800ml of water?



14) There is a bowl of fruit in the conservatory.

Which of these is the best estimate of the weight of an apple?



- a) 6g
- b) 60g
- c) 600g
- d) 6 000g

Name

These questions are about a trip to a castle

15) The bus ticket costs £17.60

The total cost of the bus ticket with entrance to the Castle is £29.45

Trip to Castle

Bus Ticket £17.60

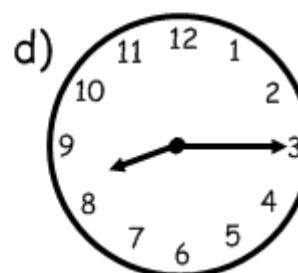
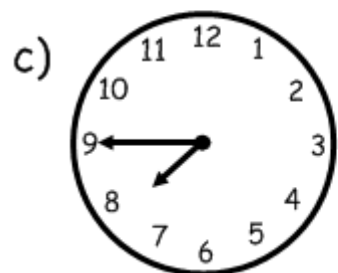
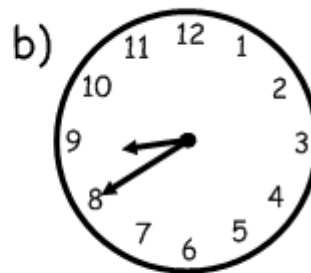
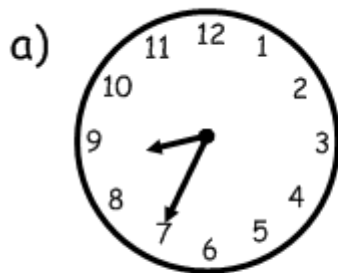
Entrance to the Castle _____

TOTAL £29.45



- What is the cost of entrance to the Castle?
- a) £10.85
 - b) £11.85
 - c) £12.25
 - d) £47.05

16) A group of friends meet to go to the Castle. They meet for a cup of coffee 25 minutes before the bus leaves. The bus leaves the bus station at ten past eight in the morning. What time do the friends meet for coffee?



Practice Entry 3 Numeracy Test

Name

17) The friends go to the Castle on the bus. What are the most appropriate units to use to measure the distance travelled on the bus journey?

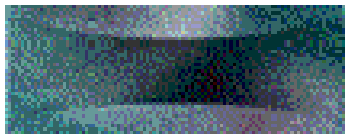
- a) metres
- b) centimetres
- c) kilometres
- d) millimetres



18) Lunch costs £5.86 for each person. One of the friends rounds this amount to the nearest 10p to estimate the total bill for the 6 friends. Which calculation does she do to estimate the total bill?

- a) $£5.80 \times 6$
- b) $£5 \times 6$
- c) $£6 \times 6$
- d) $£5.90 \times 6$

19) The café has tables with rectangular tops



How many right angles does one rectangular table top have?

- a) 0
- b) 1
- c) 2
- d) 4

Name

These questions are about The Discovery Museum in Newcastle upon Tyne.

20) The table shows the cost per person for some of the activities at the museum and the number of people who took part in each activity during one weekend.

Activity	Cost per person	Number of people
Turbinia	£2.50	419
A Soldier's Life	£3.00	376
Science Maze	£6.20	510
Newcastle Story	£4.80	525
Story of the Tyne	£3.75	386

In which activity did the largest number of people take part?

- a) Science Maze
- b) Story of the Tyne
- c) Newcastle Story
- d) A Soldier's Life



21) What is the difference between the largest number of people and the smallest number of people who took part in an activity?

- a) 901
- b) 149
- c) 10
- d) 106



22) Which of the activities cost less than £4?

- a) Science Maze, Newcastle Story
- b) Story of the Tyne, Science Maze
- c) Turbinia, A Soldier's Life, Story of the Tyne
- d) Turbinia, A Soldier's Life, Science Maze

(NB - Actually, The Discovery Museum is completely FREE!!)

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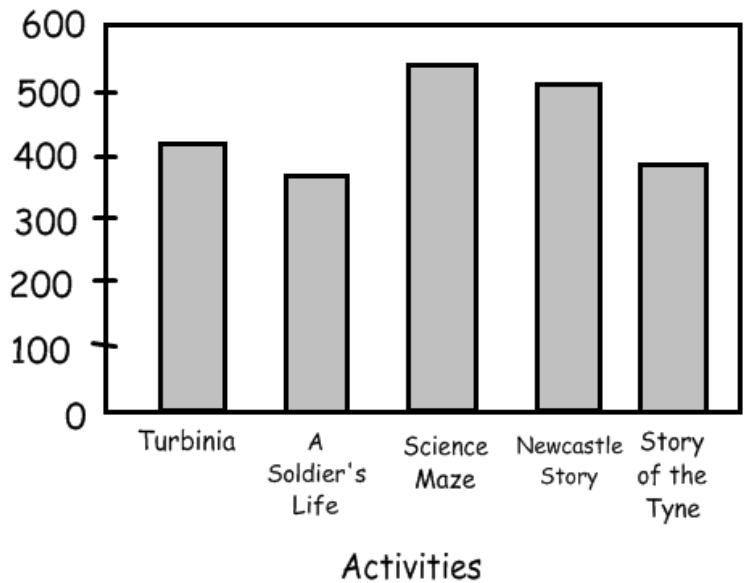
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23) The bar chart shows the number of people taking part in each of the activities at The Discovery Museum in Newcastle

What is missing from the bar chart?

- a) Title
- b) Axis label - 'Number of Activities'
- c) Key
- d) Axis label - 'Number of People'

Bar chart to show the number of people taking part in activities at The Discovery Museum



24) The tally chart shows some of the results of a survey about the most popular activity at The Discovery Museum
Which of these is the correct frequency table for this tally chart?

Activity	Tally
Turbinia	-
A Soldier's Life	- -
Science Maze	
Newcastle Story	- -
Story of the Tyne	

a)

Activity	Frequency
Turbinia	9
A Soldier's Life	15
Science Maze	8
Newcastle Story	14
Story of the Tyne	4

b)

Activity	Frequency
Turbinia	11
A Soldier's Life	15
Science Maze	8
Newcastle Story	17
Story of the Tyne	4

c)

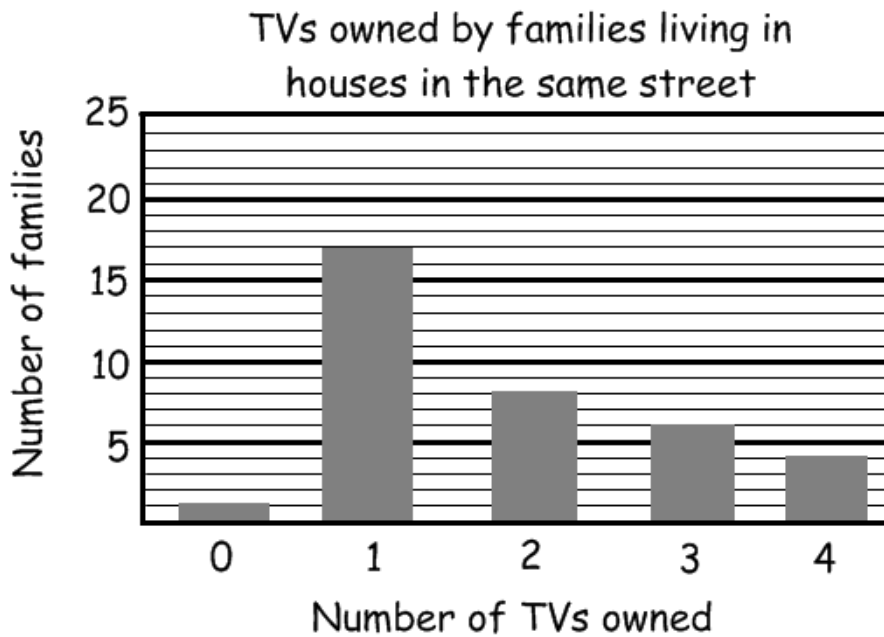
Activity	Frequency
Turbinia	11
A Soldier's Life	15
Science Maze	7
Newcastle Story	17
Story of the Tyne	5

d)

Activity	Frequency
Turbinia	11
A Soldier's Life	12
Science Maze	8
Newcastle Story	17
Story of the Tyne	4

Name

These questions are about TVs owned by families living in houses in the same street.



25) Look at the chart above.

What is the most common number of TVs owned by families living in the houses in this street?

- a) 3
- b) 1
- c) 16
- d) 4

26) How many families own 2 or more TVs?

- a) 8
- b) 18
- c) 16
- d) 10



27) What is the difference between the number of families who own two TVs and the number of families who own three TVs?






- a) 14
- b) 2
- c) 10
- d) 6

Practice Entry 3 Numeracy Test

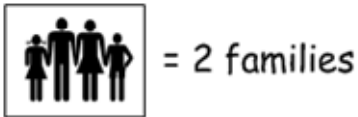
Name

28) A pictogram is used to show the number of TVs owned by families living in the houses in this street. Eight families own two TVs.

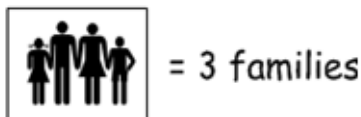
Which key is used in the pictogram?

Number of TVs owned	Number of families
0	
1	
2	
3	
4	

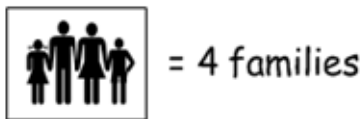
a)



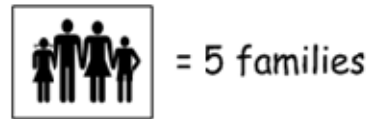
b)



c)



d)

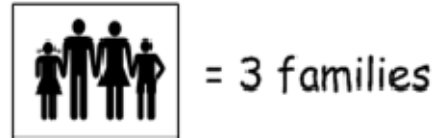


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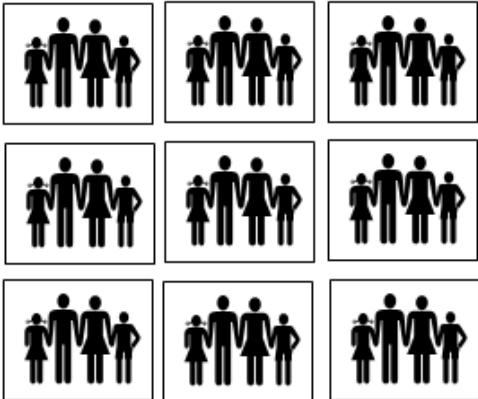


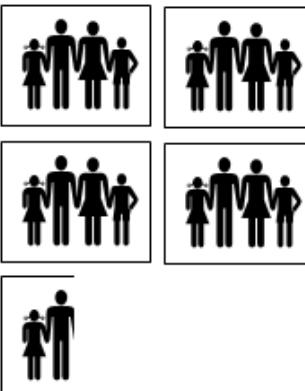
Name

29) This question is about TVs owned by families living in the houses on a street

This key is used in another pictogram



How would 9 families be shown on this pictogram?

- a)  b) 
- c)  d) 

30) How many lines of symmetry are there in this shape?



- a) 2 b) 4 c) Infinity d) 1

This is the end of the test!

Teaching Notes

The pass mark varies with different exam boards. The pass mark for Edexcel E3 (online) multiple choice is 26/30. The pass mark for City & Guilds is lower.

The time allowed is 1 hour.

This test is based on Entry 3 online practice tests available on the Move-On site.

<http://www.move-on.org.uk/testyourskills/e3/N3A.html>

<http://www.move-on.org.uk/testyourskills/e3/N3B.html>

<http://www.move-on.org.uk/testyourskills/e3/N3C.html>

<http://www.move-on.org.uk/testyourskills/e3/N3D.html>

Answers

- | | | | |
|-----|---|-----|---|
| 1) | c | 16) | c |
| 2) | a | 17) | c |
| 3) | c | 18) | d |
| 4) | b | 19) | d |
| 5) | d | 20) | c |
| 6) | b | 21) | b |
| 7) | d | 22) | c |
| 8) | c | 23) | d |
| 9) | c | 24) | b |
| 10) | c | 25) | b |
| 11) | c | 26) | b |
| 12) | d | 27) | b |
| 13) | d | 28) | c |
| 14) | b | 29) | c |
| 15) | b | 30) | d |