

Numeracy (10 Min)

1 What is the missing number in the following sequence? 45, 56, ?, 78, 89, 100

| A | B | C | D | E |
|----|----|----|----|----|
| 65 | 63 | 66 | 67 | 68 |

2 What is the range of the following numbers? 29, 112, 0, 84, 2, - 3.

| A | B | C | D | E |
|-----|-----|-----|----|-----|
| 155 | 115 | 109 | 87 | 112 |

3 If a right-angle triangle has an angle of 72° , how many degrees will there be in the third angle?

| A | B | C | D | E |
|------------|------------|------------|------------|-----------|
| 18° | 28° | 11° | 45° | 8° |

4 How many days are there in total in June, July and August?

| A | B | C | D | E |
|----|----|----|----|----|
| 92 | 91 | 90 | 93 | 94 |

5 How long would it take a car travelling at 45mph to cover 30 miles?

| A | B | C | D | E |
|------------|------------|------------|------------|------------|
| 30 minutes | 25 minutes | 15 minutes | 45 minutes | 40 minutes |

6

What is 40% of 850?

| A | B | C | D | E |
|-----|-----|-----|-----|-----|
| 350 | 368 | 382 | 370 | 340 |

7

What is the sum of 3^3 and 4^2 ?

| A | B | C | D | E |
|----|----|----|----|----|
| 43 | 17 | 25 | 36 | 49 |

8

How many weeks are there in three years?

| A | B | C | D | E |
|-----|-----|-----|----|-----|
| 156 | 150 | 152 | 94 | 154 |

9

What is $7 \times 4 - (28 \div 4)$?

| A | B | C | D | E |
|----|----|----|----|-----|
| 21 | 24 | 27 | 28 | - 4 |

10

Which two numbers, when squared, add up to 34?

| A | B | C | D | E |
|---------|---------|---------|---------|---------|
| 2 and 4 | 1 and 8 | 4 and 5 | 5 and 3 | 3 and 4 |

11

What is the value of x , when $2x - 2 = x + 4$?

| A | B | C | D | E |
|---|---|---|---|---|
| 9 | 6 | 7 | 4 | 5 |

12

If the 29th of April falls on a Wednesday, what day will be the 9th May?

| A | B | C | D | E |
|---------|--------|--------|----------|----------|
| Tuesday | Monday | Friday | Saturday | Thursday |

13

How many times does 6 go into 612?

| A | B | C | D | E |
|-----|-----|-----|-----|----|
| 102 | 142 | 104 | 112 | 98 |

14

Which of the following numbers **is not** divisible by 7?

| A | B | C | D | E |
|-----|-----|-----|-----|-----|
| 147 | 217 | 287 | 357 | 429 |

15

What is 20.14 minus 5.30?

| A | B | C | D | E |
|-------|-------|-------|-------|-------|
| 14.84 | 15.04 | 14.94 | 15.14 | 14.74 |

16

What is 50^2 ?

| A | B | C | D | E |
|------|-------|------|-----|-----|
| 1000 | 25000 | 2500 | 100 | 250 |

17

How many lines of symmetry does an irregular quadrilateral have?

| A | B | C | D | E |
|------|-----|------|-----|-------|
| four | two | none | six | eight |

18

What fraction of 360 is 40?

| A | B | C | D | E |
|-----------|---------|-----------|---------|---------|
| A seventh | A ninth | An eighth | A sixth | A tenth |

19

What is the difference between 132.2 and 77.3?

| A | B | C | D | E |
|------|------|------|------|------|
| 49.9 | 53.0 | 53.9 | 54.9 | 55.9 |

20

Reduce 125 by 20%.

| A | B | C | D | E |
|-----|----|-----|-----|--------|
| 100 | 95 | 105 | 110 | 102.50 |

21

What is £79.60 divided by 4?

| A | B | C | D | E |
|--------|--------|--------|--------|--------|
| £19.80 | £19.90 | £19.40 | £18.90 | £19.45 |

22

What number is exactly half way between 58.2 and 67.4?

| A | B | C | D | E |
|------|------|----|------|------|
| 62.7 | 63.8 | 62 | 62.8 | 55.2 |

23

What is three fifths as a decimal?

| A | B | C | D | E |
|------|------|------|------|------|
| 0.50 | 0.66 | 0.60 | 0.35 | 0.30 |

Answers

15

Numeracy (short Maths)

1. D
2. B
3. A
4. A
5. E
6. E
7. A
8. A
9. A
10. D
11. B
12. D
13. A
14. E
15. A
16. C
17. C
18. B
19. D
20. A
21. B
22. D
23. C