MATHSDIY

YEAR 6 PROCEDURAL TEST B

SOLUTIONS

NAME: ....

Score: ...... / 35

1. Two children share this money equally. How much money does each child get?

   £1.25   (1)

2. $22 + 15 + $ **21** $ = 58$ (1)

   $42 - 16 - $ **18** $ = 8$ (1)

3. Write this number in figures:

   Twenty thousand and twenty   **20020**   (1)

4. Cerys has £8. Thomas has **nine times** as much. How much does Thomas have?   **9 x 8 = £72**   (1)

5. $845 \div 5 = $ **169**   (1)

6.   **Number of pages read by four friends**

Pages read	
Shane	📄 📄 📄 📄 📄 📄 📄
Avery	📄 📄 📄 📄
Rina	📄 📄 📄 📄 📄 📄
Hector	📄 📄 📄 📄 📄 📄 📄 📄 📄

Each 📄 = 10 pages

How many more pages did Shane read than Avery?   **35 pages**   (1)

How many pages did they read altogether?   **250 pages**   (1)

7.   7.5 litres = **7500** millilitres   (1)

8.

Nick needs to drive **84 miles** from his home to Mumbles.

He expects to drive at about **40 miles per hour**, without taking any breaks.

He leaves home at **11:30**. About what time will he expect to get to Mumbles?

Circle your answer.

12: 00   12: 30   13:00   13:30   14:00   (1)

9.   43 % of a class own a skateboard. What percentage don't own a skateboard?   **57 %**   (1)

10. Alys can run a 400m race in 68.2 seconds. Nico takes 5.6 seconds longer. How long does it take Nico?   **73.8** seconds   (1)

11. In six football matches, Abi scores the following number of goals.

3	4	0	1	2	2

    What is the range?   **4**   (1)

    What is the mean?   **2**   (1)

    What is the mode?   **2**   (1)

11. 4.25 x **100** = 425   (1)

    42500 ÷ 1000 = 42.5   (1)

12. **Bus Timetable**

Newport	06:50	07:15	07:25	08:45
Underwood	07:00	07:25	07:35	**08:55**
Magor	07:11	07:36	**07:46**	09:06
Caldicot	07:29	07:54	08:04	09:24
Chepstow	07:45	08:10	**08:20**	**09:40**

Catherine lives in **Magor**. She needs to get to **Caldicot** by 8 30 am. What time is the latest bus she can get from **Magor**?   **07:46**   (1)

Tom travels from **Underwood** to **Chepstow** on the 08:55 bus. How long does this journey take?   **45 minutes**   (1)

13. $\frac{5}{6}$ of 240 = **200**   (1)

14.

Caitlin buys a campervan for **£2000**

She sells it two years later and makes a **10% profit**.

How much **profit** does she make?

10 % of £2000 = £200

£200 profit (1)

15. 480 cm of tape is cut into 20 equal pieces. How long is each piece?

480/ 20 = 48/2 = 24 cm (1)

16. Write the number **four hundred** less than **four hundred thousand.**

399600 (1)

17. Work out $545 \times 15 =$ (1)

$$
\begin{array}{r}
545 \\
\times \quad 15 \\
\hline
5450 \\
2725 \\
\hline
8175 \\
\end{array}
$$

(First multiply 545 by 10, then multiply 545 by 5, then add together)

18. Write in order 2.8 2.37 2.9 2.25 2.78

| **2.25** | **2.37** | **2.78** | **2.8** | **2.9** |

smallest   largest (1)

19. Noah spent £12.76 to make biscuits and sold them for £25.25. How much money did he make? **£12.49** (1)

20. Write $\frac{3}{5}$ as a decimal **0.6** (1)

Write $\frac{3}{5}$ as a percentage **60%** (1)

21. Erin visits her local zoo and can use one of these coupons. If the entrance is normally £30, which coupon will save Erin the most money?

20% off = £6, so this is the better coupon. (1)

If she uses that coupon how much will she pay to visit the zoo?

£30 - £6 = £24 (1)

22. On a necklace the ratio of blue beads to red beads was 5:3. If there were 72 beads on the necklace, how many red beads were there?
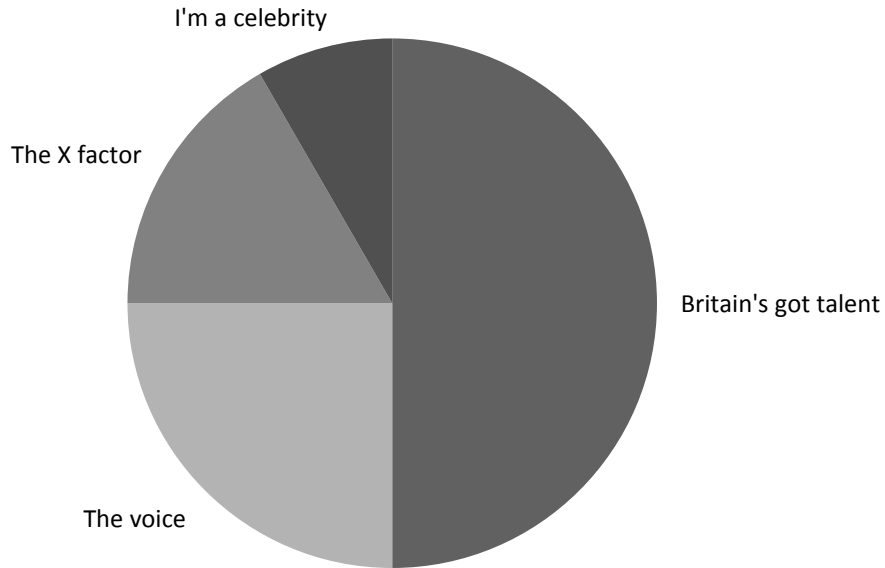
Total shares = 5 + 3 = 8 shares.

1 share = 72/8 = 9 beads.

Red beads = 3 shares = 9 x 3 = 27 red beads. (1)

23. $8800 \div 200 =$ **$88 \div 2 = 44$** (1)

10% of £30 = 20% of **£15** (1)

24. **Year 6 favourite reality tv show**

Year 6 voted for their favourite reality tv show.

Four voted for I'm a Celebrity and twice as many said The X Factor.

What percentage voted for The Voice?   **25%**

How many voted for Britain's Got Talent?   **24**   (2)

END OT TEST. GO BACK AND CHECK YOUR WORK