

Monday 11<sup>th</sup> May 2020

Hello Year 6. Another Monday morning - hope you enjoyed your long weekend.

Bad news - it's Monday again, but good news - this week would've been SATs week but as we are still at home they're **cancelled!** I still need you working as hard as you can so you ready for Secondary School in September.

It seems such a long time since we were at school learning together! I am missing being in the classroom with you guys and I know from speaking with the other adults in school they are missing you too! 😊

So as a bit of a Monday morning treat, instead of SATs Spelling test and Grammar here is a fun quiz to do with your family! KS2 Lockdown SATs 2020!

2020 National Curriculum Tests

Key stage 2

## KS2 Lockdown SATs

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						
DfE number						

## Paper 1: How well do you know chocolate?

Can you name the chocolate bars below? Have fun – work with other members of your family to work them out!

You will be awarded 1 mark for each correct answer.

			
1.	2.	3.	4.
			
5.	6.	7.	8.
			
9.	10.	11.	12.
			
13.	14.	15.	16.

Answers to follow tomorrow.

## Paper 2: Art task!

**'Everyday object' art challenge.** Select an object to include in a drawing. Your drawing will be assessed by a panel of adjudicators (Mr Thompson and Mrs Williams) and given a score out of 5 for each area: creativity, artistic style and humour! Email a picture of your art to [yearsix@blowers.dudley.sch.uk](mailto:yearsix@blowers.dudley.sch.uk)

15 marks



Hope you liked this year's SATs paper!!

Anyway back to the serious home-school learning. A couple of tasks to do. But first the answers from last Friday's maths.

1.  $15 \times 40 = 600$

2.  $35.4 \times 100 = 3540$

3. Calculate:  $100 - (3 \times 10 \times 2) = 40$  (Don't forget BODMAS)

4. Change 40% into a fraction and a decimal. 0.4 4/10 or 2/5

5. What is the change from £12 after buying three books at £3.18 each? £2.46

6. Circle the prime numbers: 23 21 8 48 27 17 63

7. Round 64,504 km to the nearest 1000 = 65,000

8. Round 12.234 kg to nearest whole kg. 12kg

9.  $160 \div 8 = 20$

10.  $2436 \div 6 = 406$

11. Two angles of a triangle are  $45^\circ$  and  $70^\circ$ .

What is the size of the third angle? 65 degrees

12. How many seconds in  $7 \frac{1}{2}$  minutes? 450 seconds

13.  $-8 + 15 = 7$

14. If  $2a - 5 = 19$ , what is the value of a? 12

15. If the time is 10.55 pm. How many minutes until it is 11.47 pm? 52 mins

16.  $6 \times 6 \times 6 = 216$  17.  $26,435 - 17,919 = 8516$

18. The three angles of a quadrilateral are  $100^\circ$ ,  $140^\circ$ ,  $60^\circ$ .

What is the size of the other angle?  $60^\circ$

19. Simplify this fraction:  $\frac{9}{54} = \frac{1}{6}$



20. What percentage of this shape is unshaded? 25%

21. What is half of 13 kg and 700 g? 6850g or 6kg 850g

22.  $456 \times 67 = 30,552$

23. how many grams in 4.02kg? 4,020g

24. find 30% of 120? 36

25. What is  $\frac{6}{7}$  of 84 = 72

Maths Task – Word Problems



Three levels of difficulty once more – use a combination of addition, subtraction, multiplication and division to solve these word problems. The word problems have more than one step. See how you get on.

### A

- 1 There are 227 children in a school. Five of the classes in the school have 28 children each. The other three classes each have the same number of children. How many children are there in each of these three classes?
- 2 There are 200 raffle tickets. Three quarters are sold. 27 more are sold. How many tickets are left?
- 3 A builder has 500 bricks. He uses 180 in the morning and 50 per cent of the rest in the afternoon. How many bricks has he used?
- 4 A holiday costs £65 per person per day. How much will it cost five people for two weeks?
- 5 A rectangle is three times longer than it is wide. It is 42 cm long. What is its perimeter?

### B

- 1 In an election 177 people voted for one of three candidates. Tara received one third of the votes. Drew received 65 votes. How many people voted for Moira?
- 2 A corner shop opens for 15 hours every weekday, 12 hours on Saturdays and 9 hours on Sunday. How many hours is it open each week?
- 3 Leah and Nadia both earn £972 per week. Leah saves 30% of her earnings. Nadia saves one third. How much more does Nadia save?
- 4 During one weekend a store had 13 255 customers. 1879 more came on Saturday than on Sunday. How many customers came on each day?
- 5 In one week's training a triathlete runs five times further than he swims and cycles four times further than he runs. Altogether he runs 28.6 km. What is the total distance he travels in training?

### C

- 1 In March Edwin earns £2680. In April he earns 7% more. How much does he earn in the two months altogether?
- 2 A lorry makes three return journeys from London to Holyhead and two return journeys from London to Hull. The distance from London to Holyhead is 246 miles and from London to Hull is 186 miles. What is the lorry's total mileage?
- 3 There are 1560 people at a concert. Three eighths are men. 45% are women. How many children are in the audience?
- 4 A rectangle has a perimeter of 23.6 cm. One side is 3.8 cm. What is the area of the rectangle?
- 5 A car costs £9500 or the buyer can pay a 15% deposit and make eighteen monthly payments of £495. How much is saved by buying the car for £9500?

Have a go – if you need any help or support then let me know via the email.

Don't forget to keep up with you reading too. 😊

Stay safe – Mr Thompson

