

5M Prep Sheet

Lent #6

Remember rulers and working and always cancel down fractions!!!

Name _____

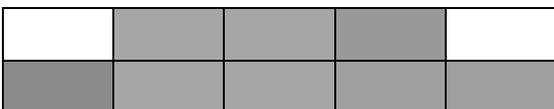
1. What is
 $6793 \times 7?$

4. A 45 minute lesson
started at 10:47 am.
What time did it
finish?

2. What is
 $5608 \cdot 8 - 236 \cdot 26 ?$

5. What is $0.7175 \div 7?$

3. What fraction of this
shape is not shaded?



6. What is the next
number in these
sequences?

a) 1, 1, 2, 3, 5, 8,

b) 1, 4, 9, 16, 25,

c) 4, 7, 12, 19, 28,

d) 50, 25, $12\frac{1}{2}$,

7. I scored 12 out of 20 in a test.

a) Write this as a fraction

b) Write this as a percentage

8. Estimate the number marked on the scale.



Answer = _____

9. Divide 243 by 8 give the fractional and decimal answer

10. Look at these numbers

6 16 36 66

a) Put a ring around any prime numbers

b) Underline the factors of 60

c) Put a square around the square numbers

11. Cancel these fractions to their lowest terms

a) $\frac{12}{54} =$

b) $\frac{80}{90} =$

c) $\frac{35}{70} =$

d) $\frac{45}{60} =$

12. In your head find
 51×84 ?

15. What is two cubed
divided by nought
point five?

13. Convert the following
decimals to fractions:

a) 0.9

b) 0.44

c) 0.179

16. Find

a) 10% of £5

b) 25% of 80 flies

14. Convert the following
fractions to decimals

a) $\frac{7}{10}$

b) $\frac{2}{5}$

c) $\frac{13}{20}$

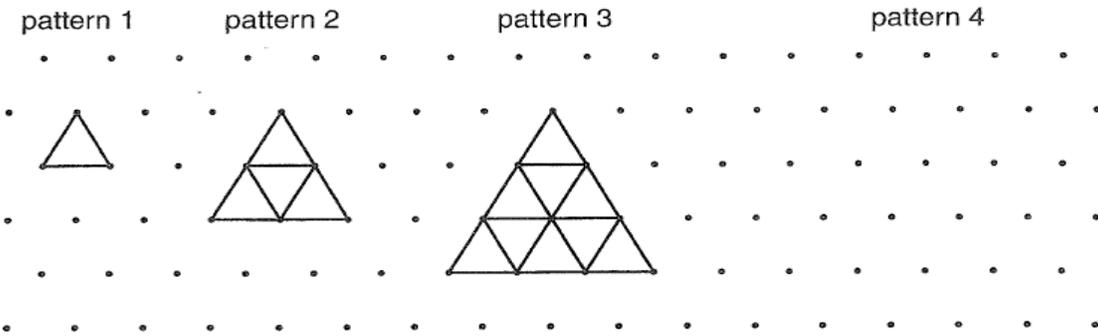
c) 70% of 20 wasps

17.

a) 7^2

b) 5^3

14. Here are the first three patterns in a sequence with space to draw the fourth pattern.



In this question  and  are small triangles.

(i) Draw pattern 4 (1)

(ii) Complete the table below for patterns 1 to 4

pattern number	1	2	3	4
number of small triangles	1	4		

(2)

(iii) How many small triangles are there in pattern 5?

Answer: (1)

(iv) Which pattern will have 100 small triangles?

Answer: pattern..... (1)

(v) Which pattern gives the sum of the odd numbers from 1 to 23 inclusive?

Answer: pattern..... (2)

18. If you were forced to go back in time. What period would you go back to and why?