

5M Prep Sheet

Lent #4

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

Name _____

1. What is
 $86.93 + 23 \cdot 2 + 4?$

2. What is
 $7665 \cdot 8 - 836 \cdot 26?$

4. Write in the missing number

a) $16 \times 16 =$

b) $4 \times 8 \times 4 =$

c) $3 \times 4 \times 5 =$

d) $3 \times 5 \times 4 =$

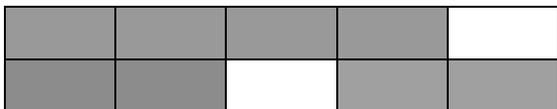
e) $\dots \times 5 = 1$

f) $10 \div \dots = 4$

g) $4 \times \dots = 20$

h) $30 \div \dots = 4$

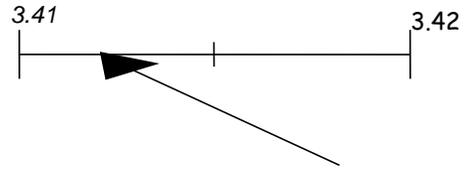
3. What fraction of this shape is shaded?



5. A 107 minute lesson started at 10:47 am. What time did it finish?

6. What is 6225×7 ?

9. Estimate the number marked on the scale.



Answer = _____

7. What is the next number in these sequences?

- a) 1, 1, 2, 3, 5, 8,
- b) 1, 4, 9, 16, 25,
- c) $\frac{1}{2}$, 2, 4.5, 8, 12.5,
- d) 50, 25, $12\frac{1}{2}$,

10. Look at these numbers

5 17 35 66

8. I scored 13 out of 20 in a test.

a) Write this as a fraction

b) Write this as a percentage

- a) Put a ring around any prime numbers
- b) Underline the factors of 70
- c) Put a square around the multiple of three

11. Divide 6.77 by 5

12. Cancel these fractions to their lowest terms

a) $\frac{3}{51} =$

b) $\frac{60}{90} =$

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

13. Find

a) 10% of £4.50

b) 25% of 44 pants

c) 90% of 20 boys

14. Convert the following decimals to fractions:

a) 0.3

b) 0.24

15. Convert the following fractions to decimals

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

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

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

16. Find 97^2 ?

17. In your head multiply 29 by 7

18. The extra pound...
The cost of dinner for two people is £45 and they both give the waiter £25 each. Of the extra £5 the waiter is allowed to keep £3 as a tip and returns £1 to each person.
So the two people paid £24 each, making a total of £48 and the waiter has £3.
The total is therefore $£48 + £3 = £51$.
Where did the extra pound come from?

19. Provide both the fractional and decimal answer for $314 \div 3$

20. Which is your favourite period in English History?
Why?