

5M Prep Sheet

Lent #5

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

Name _____

1. What is
 $36.93 + 73 \cdot 2 + 4?$

2. What is
 $7065 \cdot 8 - 636 \cdot 26?$

3. What fraction of this
shape is not shaded?



4. Write in the missing
number

a) $16 \times 16 =$

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

c) $2 \times 9 \times 9 =$

d) $8 \times 8 \times 2 =$

e) $\dots \times 4 = 22$

f) $50 \div \dots = 4$

5. A 109 minute lesson
started at 10:47 am.
What time did it
finish?

6. What is $7525 \times 7?$

7. 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, $12\frac{1}{2}$,

8. I scored 17 out of 20 in a test.

a) Write this as a fraction

b) Write this as a percentage

9. Estimate the number marked on the scale.



Answer = _____

10. Look at these numbers

7 15 37 66

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

11. Divide 577 by 5

12. Cancel these fractions to their lowest terms

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

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

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

13. Find 37×57 ?

15. Convert the following decimals to fractions:

a) 0.7

b) 0.82

c) 0.325

14. Find

a) 10% of £2.50

b) 25% of 40 things

c) 80% of 12 bits

16. Convert the following fractions to decimals

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

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

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

17.

The international airport clocks show the following information simultaneously:



Mr M E Grant flies from London to New York. The flight time is $6\frac{1}{2}$ hours.

- (i) If the aircraft leaves London at 10 00, at what time (local time) does he arrive in New York?

Answer:

After a 3 hour wait in New York, Mr Grant travels on to Vancouver where the time is 4 hours behind the time in New York.

- (ii) Mr Grant lands in Vancouver at 15 30 local time.
(a) How long is the flight from New York to Vancouver?

Answer: hours

- (b) What is the time in London when Mr Grant lands in Vancouver?

Answer:

- (iii) How long after leaving London does Mr Grant arrive in Vancouver?

Answer: h min

18. Do you think it is better to read the book or watch the movie first? Why?