Homework due 19.01.21

1. 25 x 20 = ……………………   2. 25% of 840 = ……………….

3. 5^2 x 2^2 = ……………………   4. 10 x 1.1 = ……………….

5. What is the volume of cube of side 4cm? …………………cm^3

6. 0.01, 0.02, 0.04, 0.08, …………..   7. 0.94, 0.96, 0.98, …………..

8. 5.3km = ……………m   9. 777m = …………..km

10. If 5 books cost £2.50. How much would 3 books cost ? …..

11. -7 + 3 = ………….   12. -7 - 3 = …………….

13. What is the name of a quadrilateral with 4 lines of symmetry? …………………………………

When rolling a dice   14) probability of getting (even) = …………..
15) probability of getting (square) = ……

16. How many sides has a nonagon? ……..   17. 17^2 = …………….

18. What is the height of a cuboid with length 2cm, width of 6cm and a volume of $60cm^2$ = …………………cm

19. What is ? if: ? + ? = 222

20. How many computers are in the computer lab if they are numbered from 10-34?   ……………….

Problem Solving

1) A side of square B is four times the length of a side of square A. How many times greater is the area of square B than the area of square A?

2) The number of hours that were left in the day was one-third of the number of hours already passed. How many hours were left in the day?

3) A rectangular kitchen table is three times as long as it is wide.

   If it were 3m shorter and 3 m wider it would be a square.

   What are the dimensions of the rectangular table?

4) A manufacturer claims that a new motor oil saves 5% of the petrol used by a car. If you drive 24,000 km a year and he gets 32 km a gallon of Petrol, how many gallons of petrol could you save in 1 year?