

Maths Extension

1. How does a time-table show this time: thirteen minutes to ten in the evening?
2. Change to an improper fraction: 5 and $11/12$.
3. What is the nearest number to 200 exactly divisible by 17?
4. What is 12% of 112 kg?
5. Divide 7,560 by 27
6. $59 \cdot 93 \times 44 \cdot 1$
7. What is the difference between 3 times $2 \cdot 5$ and 2 times $3 \cdot 5$?
8. How many minutes are there from 20 past 3pm to 5 minutes to 6pm?
9. A book costing £5 is increased by 20%. What is its new price?
10. A car travels at 30mph. How long will a journey of 285 miles take?
11. Change 2,416 5pence pieces to £ and pence.
12. What number divided by 6 gives the same answer as 9 time 5?
13. There are 300 peanuts in a bag. 5% are bad. A girl eats 100 of the remainder. How many are left?
14. $\frac{1}{2}$ of $1\frac{1}{2}$. Answer as a decimal.
15. $\frac{7}{8}$ of a post is above ground. This is 21feet. The rest is below ground. How long is the post?
16. If $0\cdot 03$ cms of a pencil is lost every time it is sharpened, how long will a $6\cdot 43$ cms pencil become after it has been sharpened 12 times?
17. What are the next two numbers in the series: 1,000, 500, 250?
18. If 24 chairs cost £1080, how much do they each cost?
19. A flower bed is planted with 1,000 plants. If 3 in every 250 turn out to be weeds, how many are not?
20. What is 75% of $£12 \cdot 60p$?