

Name..... Date

Numeracy Homework 16.3.21

1. $3,667 + 1\,919 = \dots\dots\dots$
2. $12,307 - 68 = \dots\dots\dots$
3. $516 \times 7 = \dots\dots\dots$
4. $1,266 \div 6 = \dots\dots\dots$
5. $78 \times 16 = \dots\dots\dots$
6. $992 \div 2 = \dots\dots\dots$
7. $112.7 - 6.6 = \dots\dots\dots$
8. $\pounds 5.11 \times 7 = \pounds \dots\dots\dots$
9. $6/7 - 3/7 = \dots\dots\dots$
10. $5 \times \frac{1}{2} = \dots\dots\dots$
11. 25% of $\pounds 120 = \dots\dots\dots$
12. 75% of $\pounds 12 = \dots\dots\dots$
13. How many wheels are there on 25 cars and 33 trikes?
14. What number doubled is 101?
15. How many degrees in any quadrilateral?
16. $? + ? = 35$
 $? = \dots\dots$
17. $? + ? = 1/2$
 $? = \dots\dots$
18. $5 \times ? = 200$
 $? = \dots\dots$
19. If you build a pyramid with 8 blocks in the bottom row, 7 in the next all the way up to 1 at the top. How many blocks do you use in total?
20. If a boxing match has 3 rounds of 3 minutes per round and a minute between each round, how long in total does the boxing match last? =

Problem Solving

1)

A rectangular chalk board is 3 times as long as it is wide. If it were 3 metres shorter and 3 metres wider, it would be square. What are the dimensions of the chalk board?

2)

Three people share a car for a period of one year and the mean number of km travelled by each person is 152 per month. How many km will be travelled in one year?

3)

A car dealer claims that by buying a new car Mike will pay $\frac{1}{5}$ less for petrol than he pays for the car he currently drives. If the car Mike currently drives costs $\frac{1}{6}$ less to fuel up than Dave's car, and Dave pays £700.00 per year, what will it cost Mike to put petrol in a new car for one year (assuming all cars will be travelling the same distance)?

4)

A storage facility has space for 225 - 8 litre boxes and 515 - 27 litre boxes. What is the volume of the facility? What percent of the total volume is filled by 150 of the 8 litre boxes and 5 of the 27 litre boxes?

