

30/07/20

## **Maths practice**

This sheet contains two parts:

- Converting improper fractions to mixed number fractions
- Multiplication word problems

You do not have to solve all of the tasks, but make sure you challenge yourself.

How to convert an improper fraction to a mixed fraction:

1. Divide the number on top (the numerator) by the number in the bottom (the denominator).
2. Write down the whole number answer.
3. Then write down any remainder above the denominator.

1)  $\frac{9}{5} =$

2)  $\frac{10}{4} =$

3)  $\frac{6}{3} =$

4)  $\frac{34}{10} =$

5)  $\frac{4}{2} =$

6)  $\frac{36}{10} =$

7)  $\frac{22}{5} =$

8)  $\frac{6}{4} =$

9)  $\frac{4}{2} =$

10)  $\frac{12}{3} =$

11)  $\frac{7}{3} =$

12)  $\frac{6}{2} =$

13)  $\frac{7}{5} =$

14)  $\frac{39}{10} =$

15)  $\frac{14}{4} =$

16)  $\frac{13}{5} =$

17)  $\frac{14}{3} =$

18)  $\frac{26}{10} =$

19)  $\frac{4}{2} =$

20)  $\frac{7}{4} =$

# Real Life Problems

- 1) There is room in a multi-storey car park for 45 cars on each of 4 floors. How many cars are there if the car park is full?
- 2) It takes 75 bricks to build one wall of a house - how many bricks will be needed to build all four walls?
- 3) 28 people eat a school lunch. If each person bought in 9 banana chips, how many chips would there be altogether?
- 4) There are 6 classes in a school, each with 34 pupils in them. How many letters need to be copied if each person is to take one home?
- 5) A teacher drives 18 kilometres to school. How far does he travel in a 7 week term?
- 6) A car travels at 55 kilometres per hour (km/h). How many kilometres will it travel in 8 hours?
- 7) A meal costs \$6.90. How much would it cost to have such a meal every day for 6 weeks?
- 8) The benches around the school cost \$40 each. How much did it cost to buy 22 benches?
- 9) The swimming pool is 12 metres long. How many metres would I swim if I did 83 lengths?
- 10) Emma saves \$0.59 each week. How much has she saved after 16 weeks?
- 11) John receives a monthly allowance of \$22. How much is he given each year?