



Miss Robinson's Maths Group Homework Autumn Week 7



Remember to set your work out clearly and write in pencil.

Please try all questions.

Please DO NOT print any of this homework. Write answers directly into your Homework Book and include any working out.

Arithmetic Warm Up

Carry out all the multiplications and divisions by 10, 100, 1000.

1. $325 \times 10 =$

2. $12.5 \div 100 =$

3. $96.01 \div 10 =$

4. $0.524 \times 10 =$

5. $0.04 \times 100 =$

6. $1.025 \times 1000 =$

7. $1.005 \div 10 =$

8. $2.58 \times 1000 =$

9. $0.3 \div 100 =$

10. $35.95 \times 10 =$

11. $1.06 \div 100 =$

12. $485.1 \times 100 =$

13. $12\,458\,101 \div 1000 =$

14. $80.6 \div 100 =$

15. $36.04 \times 1000 =$

16. $5.005 \div 10 =$

Arithmetic Warm Up

Find the fractions of amounts.

There are 720 cards in a shop.

$\frac{10}{24}$ of the cards in the shop are birthday cards and $\frac{5}{30}$ of the cards are anniversary cards.

How many cards are NOT for birthdays or anniversaries?

There are 2,772 people at a concert.

$\frac{12}{44}$ of the people at the concert are male adults and $\frac{14}{63}$ of the people are female adults. The rest are children.

How many children are at the concert?

Che and Mia are working at the same office which has 864 employees.

Che says,



I know $\frac{16}{24}$ of the employees.

Mia says,



I know $\frac{10}{18}$ of the employees.

Who knows the most employees?
Convince me.

Leo and Moses share £3,300.

Leo says,



I have $\frac{6}{22}$ of the money.

Moses says,



I have $\frac{10}{25}$ of the money.

Who has the most money?
Convince me.

LI: to know and be able to convert between standard metric units

A box contains 2.6 kg of washing powder.

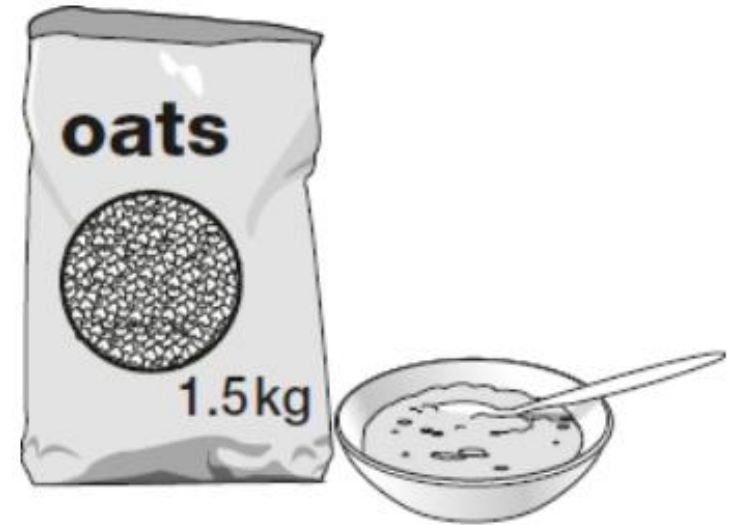


Jack uses 65 grams of powder for each wash.

He uses all the powder.

How many washes did Jack do?

A packet contains 1.5 kg of oats.



Every day Maria uses 50 g of oats to make porridge.

How many days does the packet of oats last?

LI: to know and be able to convert between standard metric units

Chen and Megan each have a parcel.

Chen's parcel weighs $1\frac{1}{2}$ kg.

Megan's parcel weighs 1.2 kg

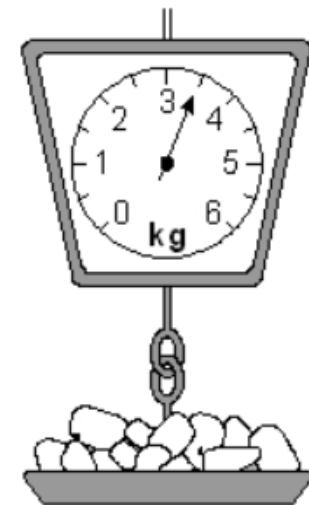
How many more **grams** does Chen's parcel weigh than Megan's parcel?

How many seconds are there in a day?

This table shows the weight of some fruits and vegetables.

Complete the table.

	grams	kilograms
potatoes	3500	3.5
apples		1.2
grapes	3500	
ginger		0.03



I would just like to wish you all a very
merry Christmas.

It has been a hardworking term and
you should be proud of your
achievements.

Enjoy the break and stay safe.