



Put the following mountain heights in order, starting from the smallest.

259m

207m

199m

245m

219m



1



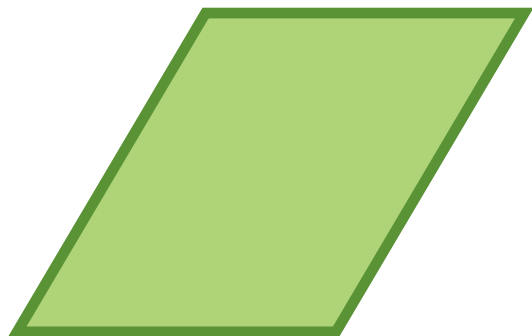
Miranda is looking through Gran's cupboards and discovers  $\frac{2}{4}$  box of chocolate biscuits and  $\frac{1}{4}$  box of oat crunch biscuits. What fraction of a box of biscuits has she discovered in total?



2



How many parallel lines are on the jewel below?



3



Guster eats  $\frac{3}{10}$  packet of sweets. What fraction remains?



4

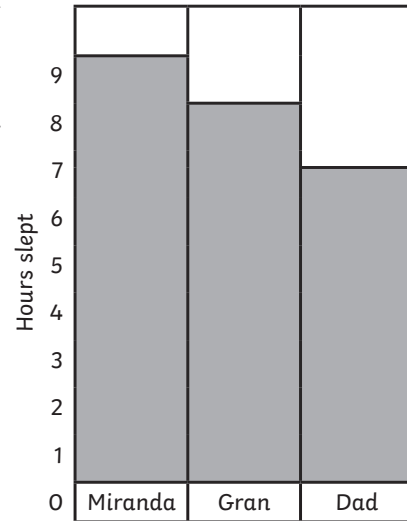
The Wyrmostooth Crown Mixed Word Problems



A bar chart to show hours slept each night.

What is the time difference between the hours Dad sleeps compared to the hours Miranda sleeps?

Who sleeps for 8 hours a night?



5

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The Wyrmostooth Crown Mixed Word Problems



Miranda is dragon hunting. She hikes north but she hears a noise and make a 90 degree clockwise turn.

Which direction is she facing now?



6

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The Wyrmostooth Crown Mixed Word Problems



Gran bakes one lemon drizzle cake a week.

How many does she bake over a fortnight?



7

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The Wyrmostooth Crown Mixed Word Problems



Guster swims for 2 hours a week.

How many minutes is this?



8

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Miranda's gran naps from 14:00 and wakes at 15:10.

How long has gran been napping for?



9



Miranda buys a new rucksack to take dragon hunting.  
The rucksack she chooses is in the sale. It has £5.00 discount.  
The cost before the discount is £14.99.

How much does Miranda pay?



10



Miranda and Guster fly 14km on Monday,  
22km on Tuesday and 63km on Wednesday.

How many kilometres do they fly altogether?



11



One of Redbreath's necklaces weighs 1.4kg.  
Ten of her earrings weigh 1499g in total.  
Which is heavier and  
by how many grams?



12



Put the following mountain heights in order, starting from smallest to largest amount.

1578m            17 894m

1478m

10 586m            1597m



1



Guster gives  $\frac{1}{4}$  box of biscuits to his ma,  $\frac{2}{8}$  box to Miranda and eats  $\frac{3}{8}$  himself.

What fraction has the group eaten in total?



2



Miranda spends  $\frac{2}{10}$  of each day dragon hunting.

How many hours does she hunt for?



3



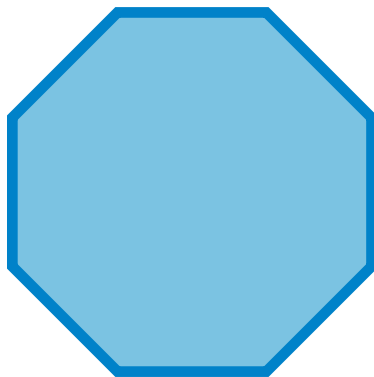
A table to show the proportion of successful growth in the nature reserve

Trees	Flowering Plants	Shrubs
68%	0.61	$\frac{33}{50}$

What is majority of the nature reserve covered by?

4

How many parallel lines are on the jewel below?

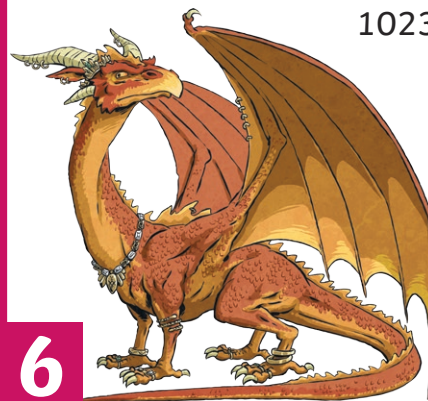


5

Guster calculated that

$$1023 + 148 = 1071.$$

Is he correct or not?  
Justify your answer.



6

Redbreath meditates four times a week for quarter of an hour each time.

How many minutes does she meditate for over three weeks?



7

The quarry excavation lasts for 3 hours and 15 minutes, three times a week.

How many minutes is this?



8

Miranda goes to sleep at 20:07 and wakes at 07:47.

How long did she sleep for?



9

Miranda buys a new rucksack to take dragon hunting. The rucksack she chooses is in the sale. It has 10% discount.

The cost before the discount is £15.

How much does Miranda pay?



10

Miranda and Guster play for 72 minutes on Saturday and 1 hour 23 minutes on Sunday.

Which day do they play for the longest amount of time for?



11

One of Redbreath's necklaces weighs 1.2kg.

Five of her rings weigh 1301g in total.

Which weighs heavier and by how many grams?



12

The Wurmstooth Crown Mixed Word Problems



Put the following mountain heights in order, from smallest to largest.

14 782m

14 896m

14 625m

104 985m

104 859m



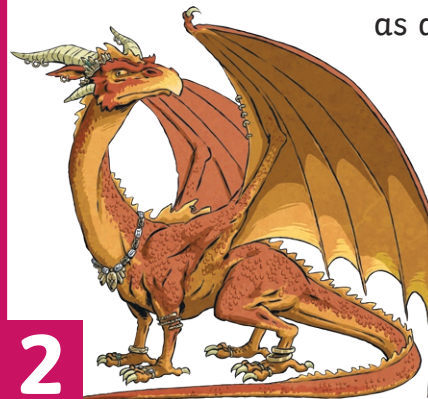
1

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The Wurmstooth Crown Mixed Word Problems



Gran looks through her baking cupboards and discovers  $2\frac{1}{4}$  packet of flour,  $3\frac{4}{8}$  bags of sugar and  $1\frac{3}{4}$  boxes of eggs. What is the total amount of ingredients she has? Write your answer as a mixed number.



2

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The Wurmstooth Crown Mixed Word Problems



Miranda spends 15% of each day dragon hunting. How many hours does she play for?

Write your answer to one decimal place.



3

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The Wurmstooth Crown Mixed Word Problems



A table to show the nature reserve's contents

Trees	Lake	Shrubs	Picnic areas
68%	0.61	$\frac{37}{50}$	$\frac{1}{4}$

What does the majority of the nature reserve contain?

Which area cover 25% of the space?



4

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Gran's garden is 19.3m long and 30.5m wide.

What is the total perimeter of her garden?



5

Miranda is dragon hunting. She hikes north-east but she hears a noise and turns clockwise to face west.

How many degrees has she turned?



6

Redbreath meditates four times a week for three quarters of an hour each time.

How many minutes does she meditate for over three weeks?



7

The quarry excavation lasts for 2 hours and 15 minutes, four times a week.

How many seconds is this?



8



Miranda goes to bed at 21:07 and reads a book for 5 minutes.

She then slept until 8:15.

How long did she sleep for?



9

Miranda buys a new rucksack to take dragon hunting.

The rucksack she chooses is in the sale.

It has 12% discount.

The cost before the discount is £16.00.

How much does Miranda pay?



10

Redbreath flies for 10 472 km.

Round this number to the nearest:

100

1000

10 000



11

Redbreath and Guster's cave is 36m in length and 12m in width.

What is the area of the cave?



12