



Traction Man
has been saved . . .
. . . by this brave
little scrubbing brush!

Oh no!
This poisonous
Dishcloth will envelop
Traction Man and
suffocate him!
But what's this?



Traction Man is diving in the foamy waters
of the Sink (wearing his Sub Aqua Suit,
Fluorescent Flippers and Infra-Red Mask).



My Bronze Age Research Map

Fill the map with facts or pictures from your research and make links between any that have a connection. You could include questions you might research another day.

The research map consists of a central illustration of a conical hut with the words "Bronze Age" written on its side. Six empty rectangular boxes are arranged around the hut, with lines connecting them to the central illustration, indicating where students should place facts or pictures. Below the map, there are illustrations of a man in a blue tunic and a woman in a red dress. To the left of the map, there are illustrations of various Bronze Age artifacts: three different styles of pottery vessels and a spearhead.

WALT: Can I complete money reasoning and problem solving questions?
Lesson 1 Week 6

Have a look at this question...






Rosie has 5 silver coins in her purse.

She can make 40p with three coins.



She can also make 75p with three coins.

How much money does Rosie have in her purse?

This is a problem solving question

We have to break the question up. What 3 coins can make 40p? What 3 coins can make 75p? Remember she only has 5 silver coins! So choose 5 coins and see if you can make 40p with 3 of them, if not choose some different ones!






Rosie has 5 silver coins in her purse.

She can make 40p with three coins.


She can also make 75p with three coins.

How much money does Rosie have in her purse?

Let's try this one!

Whitney thinks that she has £10 and 3p.
Is she correct?




Explain your answer.

Why does she think she has 3p?

What does she actually have?

You have to write your answer in a full sentence and explain why she is correct or incorrect.

Whitney thinks that she has £10 and 3p.
Is she correct?




Explain your answer.


She is incorrect because she has £...

What about this one?

Rosie has £5
Has she got enough money to buy a car and two apples?



£3 and 35p £2 and 55p



85p 75p

What combinations of items could Rosie buy with £5?

How much do 2 apples cost?
85p + 85p =

For the second part of the question could she buy the magazine and a balloon?

Try different items together, does it make £5?

We will have to do this question step by step.

Jack has £2 and 90p.
Teddy has three times as much money as Jack.

How much more money does Teddy have than Jack?

Rosie has twice as much money as Teddy.

How much more money does Rosie have than Jack?

So, let's work out the first part...

Jack has £2 and 90p.
Teddy has three times as much money as Jack.

$$£2.90 + £2.90 + £2.90 =$$

OR...

Convert pounds to pence, remember there are 3 lots of 290p.

290	???
+ 290	290
???	???

Then...

So we know Jack has £2.90 and we've worked out how much Teddy has.

Now you need to **subtract** Jack's £2.90 from Teddy's amount to see how much more Teddy has.

How much more money does Teddy have than Jack?

We go back to Teddy's original amount...

We double the amount Teddy had at the start.

Rosie has twice as much money as Teddy.

Now let's try this...

We know Jack has £2.90 so how much more does Rosie have.

So subtract £2.90 from Rosie's amount.

That is your final amount.

How much more money does Rosie have than Jack?

Last one!

Dora spends £7 and 76p on a birthday cake.



She pays with a £10 note.
How much change does she get?

The shopkeeper gives her six coins for her change.
What coins could they be?

Problem Solving!



The answer could be a couple of different answers.

First, work out her change from £10.

What six coins could her change be?

Your task!

Complete the reasoning and problem solving worksheet on Microsoft Teams, in your pack or from the school website.

<p>7a. A packet of crisps costs 145p, and Jerry 2 packets. He gives the shop keeper a £2 note.</p> <p>A. The change will be 204p.</p> <p>B. The change will be two £1 coins and four 1p coins.</p> <p>Which is correct? Prove it.</p>	<p>7b. A kilo costs 187p. George buys 2 kilos. He gives the shop keeper a £2 note.</p> <p>A. The change will be one £2 coin, two 5p coins and four 1p coins.</p> <p>B. The change will be 284p.</p> <p>Which is correct? Prove it.</p>
<p>8a. Charlotte bought a piggy bank and a piggy. She paid with a £10 note. In her change she got a £2 coin, three different silver coins and one bronze coin.</p>  <p>7 25p</p> <p>How much could the piggy cost? Show your working.</p>	<p>8b. Kate bought a book and a bookend and spent 142p. She paid with a £2 note. In her change she got one note, a £1 coin, five of the same silver coins and four bronze coins.</p>  <p>7 142p</p> <p>How much would the book cost? Show your working.</p>

Giving Change

7a. A packet of crisps costs 147p. Jed buys 2 packets. He gives the shop keeper a £5 note.

A. The change will be 206p.

B. The change will be two £1 coins and four 1p coins.



Which is correct? Prove it.

PS

Giving Change

7b. A lolly costs 107p. George buys 2 lollies. He gives the shop keeper a £5 note.

A. The change will be one £2 coin, two 5p coin and four 1p coins.

B. The change will be 286p.



Which is correct? Prove it.

PS

8a. Charlotte bought a jigsaw and a yoyo. She paid with a £10 note. In her change she got a £2 coin, three different silver coins and one bronze coin.



?

255p

How much could the jigsaw cost?
Show your working.



PS

8b. Kate bought a boat and a bucket and spade. She paid with a £20 note. In her change she got one note, a £1 coin, two of the same silver coins and four bronze coins.



?

582p

How much could the boat cost?
Show your working.



PS

9a. Jack bought a sandwich and a can of pop. He paid with a £10 note. Which coins might he get in his change? Give 3 possible answers.



124p

£3 and 5p



PS

9b. Amy bought a packet of crisps and a bottle of water. She paid with a £10 note. Which coins might she get in her change? Give 3 possible answers.



£2 and 80p

145p



PS



Joining the Letter 'a'

Continue each line using diagonal joins.
Take extra care when joining to an anticlockwise letter.

ay

ai

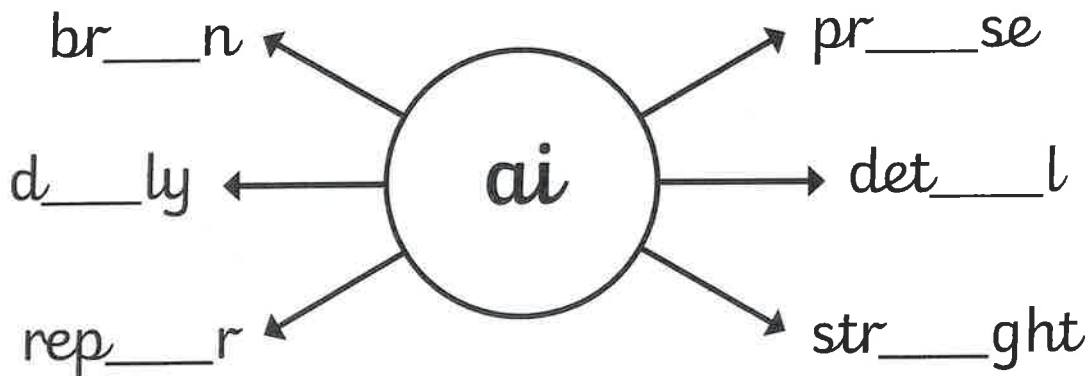
au

Practise joining the letters in the prefixes 'anti' and 'auto'.

anti

auto

Add the letter pattern 'ai' into these words.



Do these root words need the prefix 'auto' or 'anti' adding to them? Write them in your neatest, joined style. What words have you created?

___clockwise

___pilot

___freeze

___social

___graph

___biography

Day 1 Challenge

$5 \times 3 =$	$3 \times 8 =$	$7 \times 3 =$
$6 \times 4 =$	$9 \times 4 =$	$4 \times 8 =$
$10 \times 3 =$	$7 \times 8 =$	$3 \times 4 =$
$8 \times 8 =$	$12 \times 4 =$	$0 \times 8 =$
$8 \times 3 =$	$9 \times 3 =$	$5 \times 4 =$
$7 \times 4 =$	$0 \times 4 =$	$3 \times 3 =$
$11 \times 8 =$	$6 \times 3 =$	$2 \times 4 =$
$4 \times 4 =$	$12 \times 8 =$	$11 \times 3 =$

My score:

24