

Examination practice questions

You should have:

A ruler, protractor, compasses, a pen, pencil, eraser, calculator.
For some questions, you may need tracing paper.

Instructions

- Use **black** ink or ball-point pen.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- **Calculators may be used.**

Information

- The marks for each question are shown in brackets.
- If the number of marks for two similar questions isn't the same, this is likely due to them being modelled on different specifications. In this case, it is worth considering both mark schemes.
- Use the number of marks for each question as a guide as to how much time to spend on each question. As a rough guide, you can multiply the number of marks by 1.2 to see how many minutes you should spend on a question.
- Questions will generally get more challenging as the document progresses. Some of the latter questions will go beyond the core grade level for this topic.

Advice

- Read each question carefully before you start to answer it.
- Don't forget to have fun.
- Check your answers at the end.

BASIC PROBLEMS

Q1.

AtoZrevision.com

Work out $48 + 41$

.....
(1 mark)

Q2.

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Work out $89 + 14$

.....
(1 mark)

Q3.

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Work out $64 + 67$

.....
(1 mark)

Q4.

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Work out $18 + 24 + 12$

.....
(1 mark)

Q5.

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Add together 147 and 376

.....

(1 mark)

Q6.

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Work out $872 + 236$

.....

(1 mark)

Q7.

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Work out $879 + 277$

.....

(1 mark)

Q8.

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Work out $1048 + 208$

.....

(1 mark)

Q9.

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Work out $625 - 189$

.....

(1 mark)

Q10.

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Work out $700 - 547$

.....

(1 mark)

Q11.

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Work out $700 - 599$

.....

(1 mark)

Q12.

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Work out $205 - 37$

.....

(1 mark)

WORD PROBLEMS

Q13.

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28 569 people watch a football match.

5619 of the 28 569 people are female.

Work out the number of males.

.....

(1 mark)

Q14.

AtoZrevision.com

The table shows the average annual rainfall, in mm, for each of five countries.

Country	Average annual rainfall (mm)
Colombia	3240
Jamacia	2051
Brazil	1761
Japan	1668
France	867

The average annual rainfall for Nigeria was 283 mm more than the average annual rainfall for France.

Work out the average annual rainfall for Nigeria.

.....

(1 mark)

The table shows the depth of six ocean trenches.

Trench	Depth (metres)
Diamantina	8047
Eurasian Basin	4437
Philippine	10540
Puerto Rico	8594
South Sandwich	8458
Tonga	10882

The Mariana Trench is 2864 metres deeper than the Diamantina Trench.

Work out the depth of the Mariana Trench.

.....
(1 mark)

The table gives information about the weights, in kilograms, of five animals.

Animal	Weight in kilograms
African buffalo	725
Indian elephant	3178
Giraffe	800
Pilot whale	2205
Walrus	1013

Work out the difference in weight between an Indian Elephant and a Walrus

.....
(1 mark)

Shamshad is working with whole numbers.

She says,

‘if you add a two-digit number to a two-digit number you cannot get a four-digit number’.

Explain whether you agree or disagree with Shamshad.

.....

.....

.....

(2 marks)

Fill in the missing numbers:

$$170 + \dots = 220 - \dots$$

(2 marks)



Tom and Nadia have 16 cards each.
Tom gives Nadia **12** of his cards.
How many cards do Tom and Nadia each have now?

Tom Nadia

(2 marks)

There are 105 cars in a college car park.

Teachers own 68 of the cars.

Students own 15 of the cars.

Work out how many of the cars are **not** owned by either a teacher or by a student.

.....
(2 marks)

Look at this information.

Two numbers **add** to make zero.

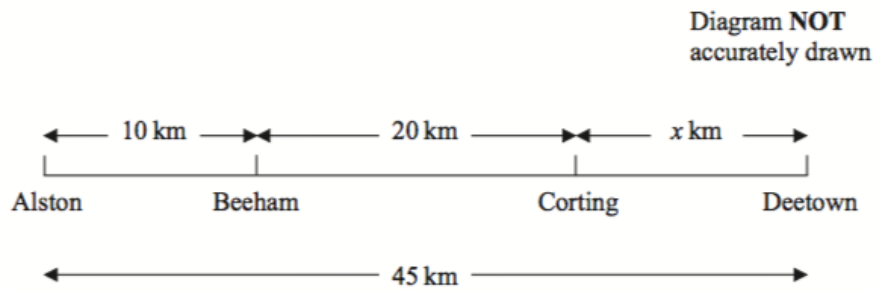
If **one** number is **zero**, what is the other number?

.....
(1 mark)

Write a **different** multiple of 4 in each box to make this sum correct.

$$\square + \square + \square = \square 40$$

(1 mark)



The diagram represents a straight road that joins 4 towns.

Beeham is 10 km from Alston.
Corting is 20 km from Beeham.
Deetown is x km from Corting.
Deetown is 45 km from Alston.

Work out the value of x .

.....
(2 marks)