NUMBER LINES

GRADE 1

AtoZrevision

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

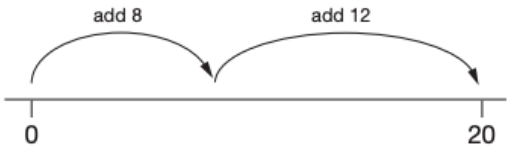
- The marks for each question are shown in brackets.
- If the number of marks for two similar questions isn't the same, this is likely due to them being modelled on different specifications. In this case, it is worth considering both mark schemes.
- Use the number of marks for each question as a guide 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

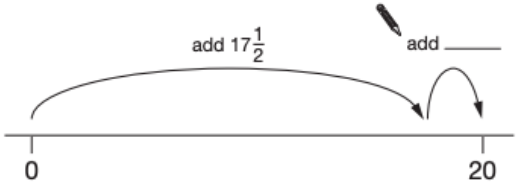
- Read each question carefully before you start to answer it.
- Don't forget to have fun.
- Check your answers at the end.

Q1. AtoZrevision.com

This number line shows one way to use **two steps** to move from 0 to 20



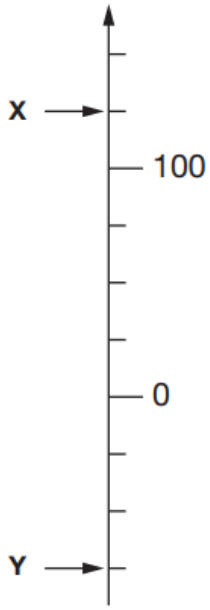
Write the missing number on the number line to show how to move from 0 to 20



(1 mark)

Q2. AtoZrevision.com

Find the values of **X and Y**



X = ...

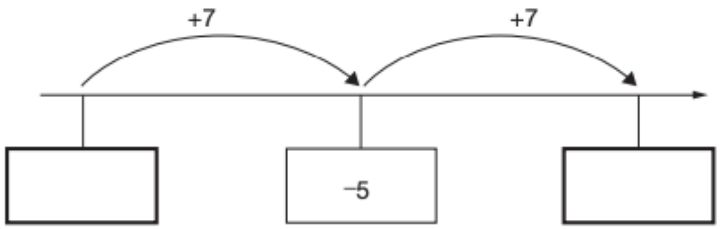
Y = ...

(2 marks)

Q3. AtoZrevision.com

Here is part of a number line.

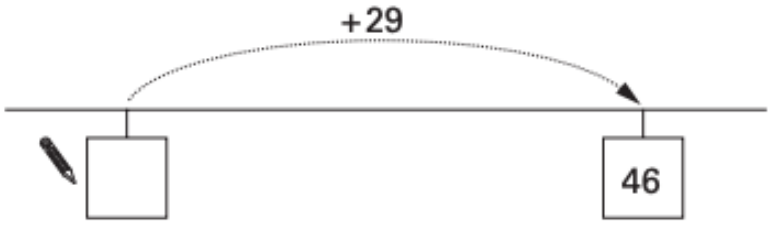
Write the missing numbers in the boxes.



(2 marks)

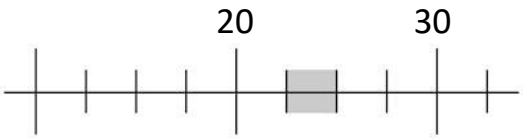
Q4. AtoZrevision.com

Write the missing number on the number line.



(1 mark)

Q5. AtoZrevision.com



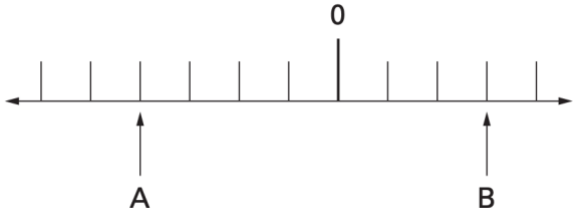
Give an example of a number that could belong in the shaded part of the number line.

.....

(1 mark)

Q6. AtoZrevision.com

A and **B** are two numbers on the number line below.



The **difference** between **A** and **B** is 140.

Write the values of **A** and **B.**

A = ...

B = ...

(2 marks)

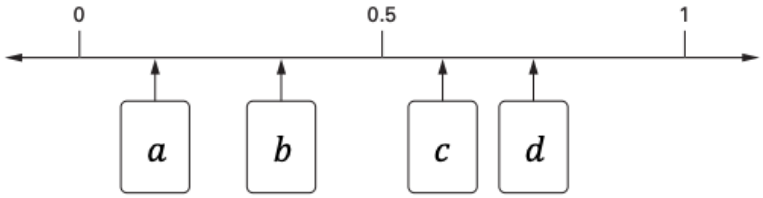
Q7. AtoZrevision.com

Here are four fractions.

$\frac{3}{4}$ $\frac{1}{8}$ $\frac{1}{3}$ $\frac{3}{5}$

Look at the number line below.

Find the values of A, B, C and D



a = ...

b = ...

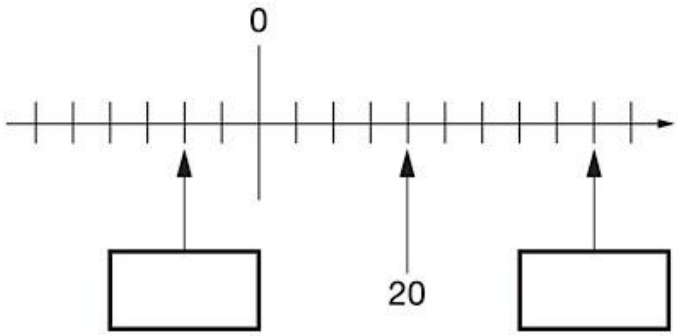
c = ...

d = ...

(4 marks)

Q8. AtoZrevision.com

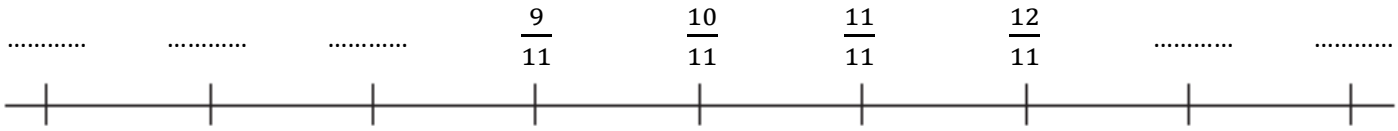
Here is part of a number line.
Write the missing numbers in the boxes.



(2 marks)

Q9. AtoZrevision.com

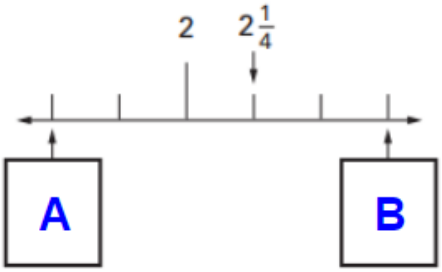
Complete the number line.



(2 marks)

Q10. AtoZrevision.com

Here is part of a number line.
Write in the value of the missing fraction B.



A = ...

B = ...

(2 marks)

QUESTIONS FROM MATHEMATICAL COMPETITIONS

Q11. AtoZrevision.com

Three positive integers are equally spaced on a number line. The middle number is 15, and the largest number is 4 times the smallest number. What is the smallest of these three numbers?

Circle the correct answer.

4 5 6 7 8