

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.

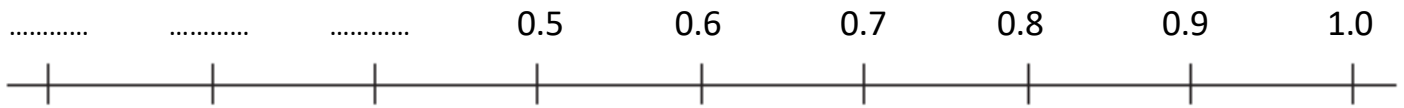
Advice

- 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

Complete the number line.

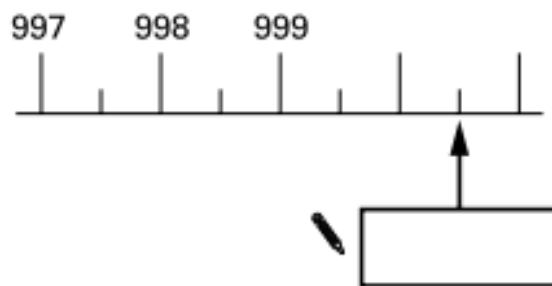


(1 mark)

Q2.

AtoZrevision.com

Write the number shown by the arrow.



(1 mark)

Q3.

AtoZrevision.com

Estimate the decimal marked by the letter X.



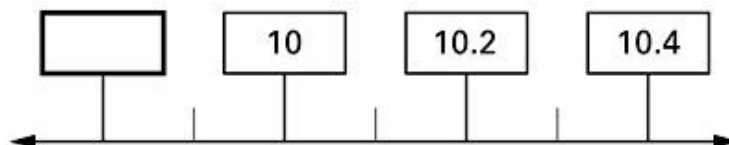
.....

(1 mark)

Q4.

AtoZrevision.com

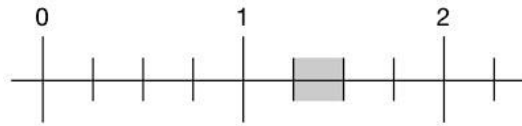
What is the **missing** number on this number line?



(1 mark)

Q5.

AtoZrevision.com



Circle **all** the numbers that belong in the shaded part of the number line.

- 1.1 1.4 $1\frac{1}{3}$ $1\frac{1}{5}$

(1 mark)

Q6.

AtoZrevision.com

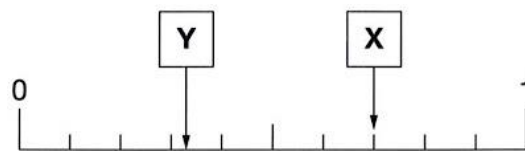


Estimate the value of Y.

.....
(1 mark)

Q7.

AtoZrevision.com

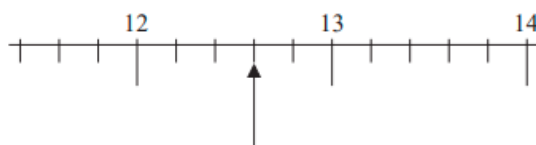


What is the value of X?

.....
(1 mark)

Q8.

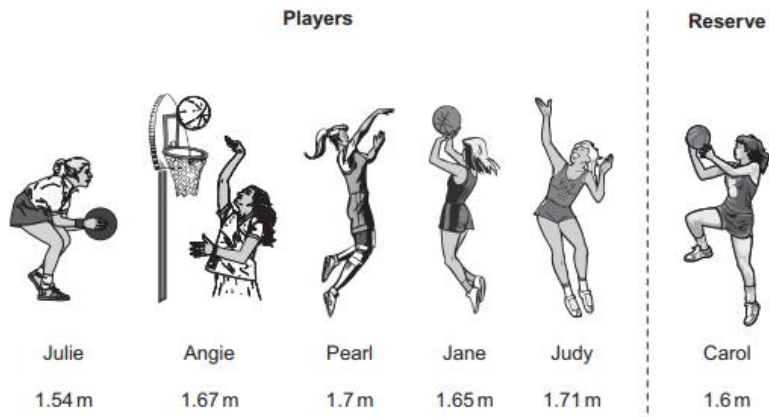
AtoZrevision.com



Write down the number marked with the arrow.

.....
(1 mark)

A basketball team has five players and one reserve.
Their names and heights are shown.



Which girl is the second tallest?

.....
(1 mark)

QUESTIONS FROM MATHEMATICAL COMPETITIONS

Q10.

AtoZrevision.com

Tick the value that is closest in size to 1.

$$0.\dot{9}\dot{5}$$

$$1.0\dot{5}$$

$$0.\dot{9}6\dot{0}$$

$$1.04\dot{0}$$

$$0.9\dot{5}$$

Q11.

AtoZrevision.com

A, B, C, D, E, P and Q are points on the number line as shown. Which one of the points represents the product of the numbers represented by P and Q .

