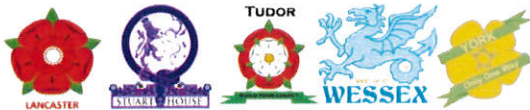




QE Mathematics



Year 11 Exam Success

QueenElizabeth's 

Maths Watch

Clip 91 Estimating Answers

One Minute Maths Interactive Questions Worksheet Find a Clip

Qualification GCSE Tier All Grade All Topic All Search estimating

Choose Clip (1)

Clip	Title
91	Estimating Answers

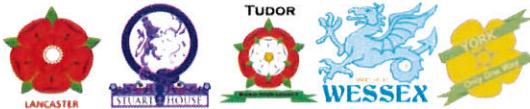
Question Progress

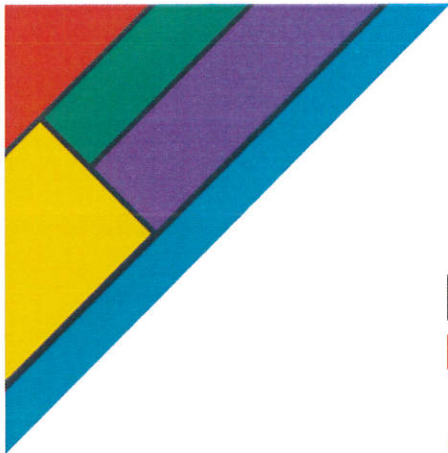
By rounding each number to 1 significant figure, estimate the answers to:

a) $\frac{985 \times 22.6}{9.79}$

b) $\frac{69 \times 32}{7.3 \times 2.9}$

Submit Answer





PiXL Maths App

PiXLmaths

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Problem Solving

3D shapes - 0 out of 7

Calculate the volume of common 3D shapes.
Calculate the surface area of common 3D shapes.

Frustum - 0 out of 1

Calculate the volume of a frustum

Transformations - 2 out of 5

Recognise transformations to map one shape onto another.
Recognise the effect of enlargement on volume/surface area.

Vectors - 0 out of 3

Construct a resultant vector from a diagram. Recognise when three or more points are collinear. Perform vector arithmetic.

Loci - 0 out of 2

Identify common loci and how they are constructed.

Previous

Units of measure - 0 out of 5

Choose appropriate units of measure.
Approximate a weight or volume of an object.

Bearings and measure - 0 out of 5

Calculate a bearing. Convert between metric and imperial units. Perform speed, distance and time calculations.

Pythagoras' theorem - 0 out of 3

Calculate the length of a line in a 2D or 3D problem.
Calculate the length of a line connecting 2 coordinates.

Trigonometry - 0 out of 5

Calculate an unknown angle or side using SOH CAH TOA, including in a 3D context. Know exact trigonometric values.

Sine and cosine rules - 0 out of 5

Apply the sine or cosine rule to calculate a length or an angle.
Use the formula $0.5ab\sin C$



TUDOR



Be prepared ...

Equipment Needed

Students are expected to take the following equipment into the exam:

- Black pens
- Pencils
- Eraser
- Ruler
- Compass
- Protractor
- Calculator (Papers 2 and 3)



Equipment packs are available to purchase in the LRC!

