

Advanced Angles

Week 2

Lesson Time : 20-25 Minutes

Course : Foundation or Higher

Grade : 4/5

Back to Basics

Core

Let's Do It!

GCSE Revision Video 9

- **Prior Checklist:** A pack of A5/A6 revision cards.

A pen.

- **Our Video Structure:**

Back to Basics: Quick re-cap.

Core: *Create* your own revision cards with exam style questions.

Let's Do It! : *Apply* your revision cards to another set of exam style questions.

Instructions: **Print out** this worksheet and watch the revision video simultaneously.

Pause and Play the video unlimited times to review your work and write the answers in the blank spaces. Once you have written your answers, check these with the tutorial answers, as explained in the video.

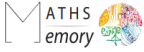
Create your OWN revision cards when prompted on the worksheet(Back to Basic and Core sections).

Apply your OWN revision cards (Let's Do It! section).

Self Assess yourself (Out of 10) on your revision planner after you have completed the revision video .

WATCH this revision video and **MANY** others on our **FULL** courses at www.mathsmemory.co.uk

Let's get started and create our Master revision card with this suggested template.



Maths Memory

Learn

- Basic Principles
- Parallel lines (4 types)
- Supplementary Quadrilaterals

Topic: Advanced Angles

Date/week: _____

GRADE


4/5

Step 3

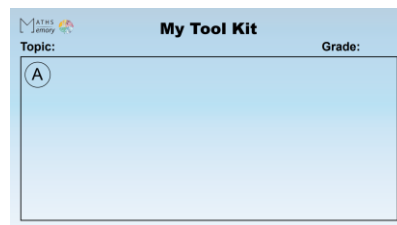
Step 2

Step 1

Example(s):



Let's get our revision card and create Section A. Look at video for guidance.



Back to Basics- starter questions to warm you up

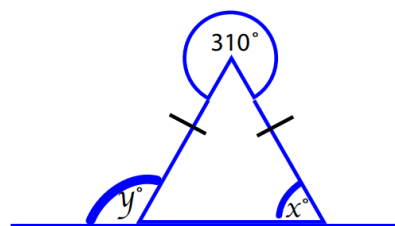


Back to Basics

Topic: **Advanced Angles**

Question 1

Work out



a) $x =$ _____

Reason: _____

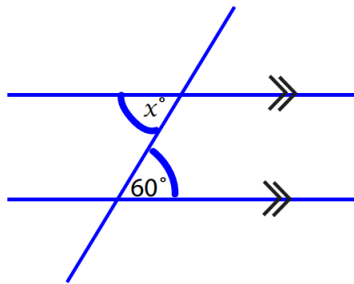
b) $y =$ _____

Reason: _____



Question 2

Work out

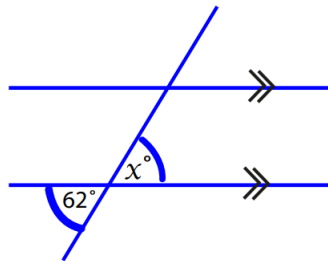


a) $x =$ _____

Reason: _____

Question 4

Work out

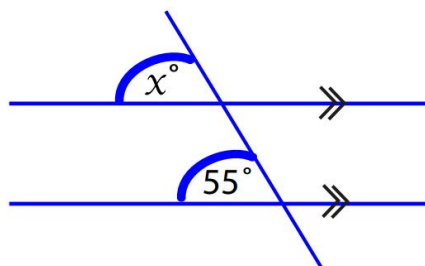


a) $x =$ _____

Reason: _____

Question 3

Work out

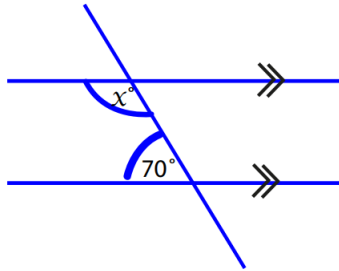


a) $x =$ _____

Reason: _____

Question 5

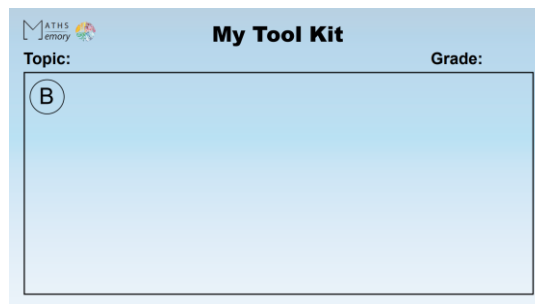
Work out



a) $x =$ _____

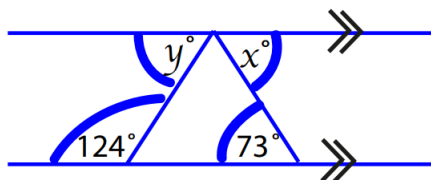
Reason: _____

Let's get our revision card and create Section B. Look at video for guidance



Question 6

Work out



a) $x =$ _____

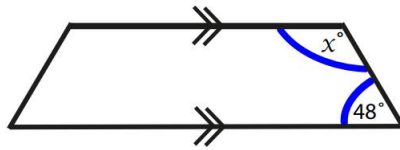
Reason: _____

b) $y =$ _____

Reason: _____

Question 7

Work out

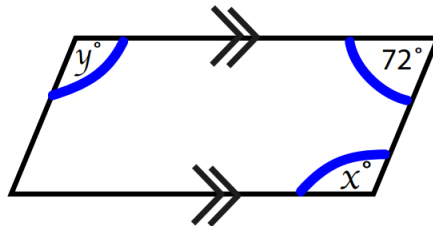


a) $x =$ _____

Reason: _____

Question 8

Work out



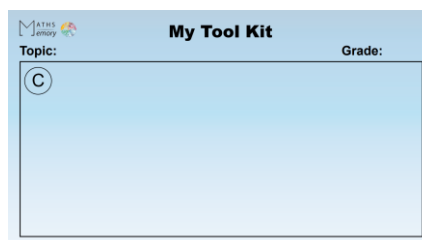
a) $x =$ _____

Reason: _____

b) $y =$ _____

Reason: _____

Let's get our revision card and create Section C. Look at video for guidance



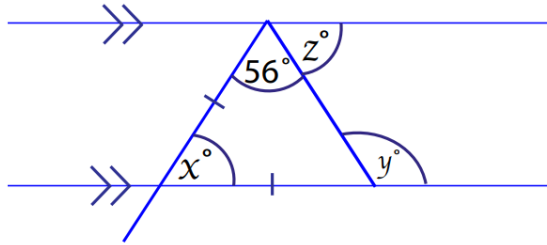
Core- Create your revision cards with these exam style questions



Core 1

Topic: Advanced Angles

Question 1



a) $x =$ _____

b) $y =$ _____

c) $z =$ _____

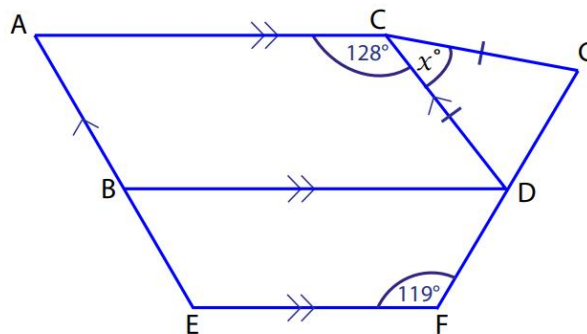
Grade
4 (3 Marks)



Core 2

Topic: Advanced Angles

Question 2



AC, BD and EF are parallel lines.

ABCD is a parallelogram

Angle $EFD = 119^\circ$. Angle $ACD = 128^\circ$

Work out the size of angle x .

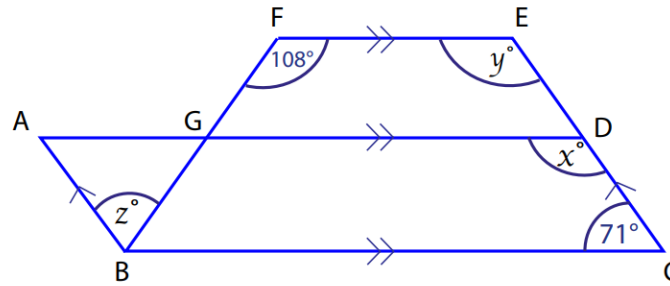
Show all working.

Grade
5 (3 Marks)



© 2022 MathsMemory

Question 3



ABCD is a parallelogram. EDC is a straight line.

Angle $\widehat{GFE} = 108^\circ$. Angle $\widehat{DCB} = 71^\circ$

a) $x =$ _____

Reason: _____

b) $y =$ _____

Reason: _____

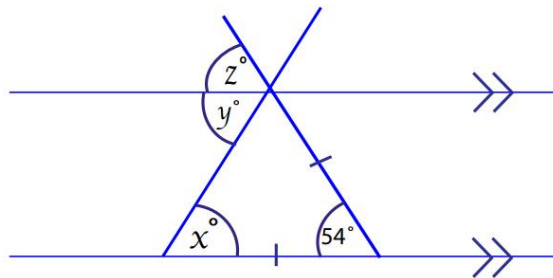
c) $z =$ _____

Reason: _____

Grade
5 (3 Marks)

Let's Do It!- Apply your revision cards to another set of exam style questions

Question 1



a) $x =$ _____

Reason: _____

b) $y =$ _____

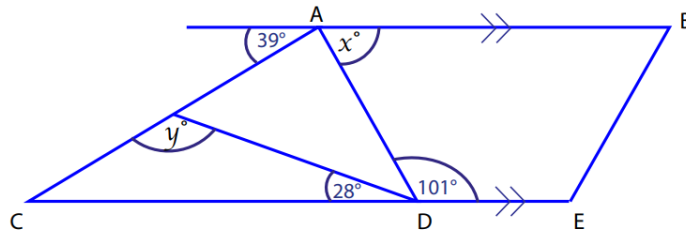
Reason: _____

c) $z =$ _____

Reason: _____

Grade
4 (3 Marks)

Question 2



Line AB and CDE are parallel lines.
ABDE is a Trapezium.

a) $x =$ _____

b) $y =$ _____

Grade

5 (3 Marks)

Congratulations. You have completed this topic.

Now go back to your revision planner and rate yourself out of 10.