#LIFEworkbalance

We have started a #LIFEworkbalance campaign and we need your help to complete our LIFE/work balance survey.

We hope to publish the results soon, so please give 15 minutes of your time to help us get a true picture of school life.

Want to be a part of this campaign? Take the survey on our website and share it with your colleagues!

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Year 4 – Summer Block 5 – Properties of Shape – Identify Angles

About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

National Curriculum Objectives:

Mathematics Year 4: (4G4) Identify acute and obtuse angles and compare and order angles up to two right angles by size

More Year 4 Properties of Shape resources.

Did you like this resource? Don't forget to review it on our website.

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Step 1: Identify Angles

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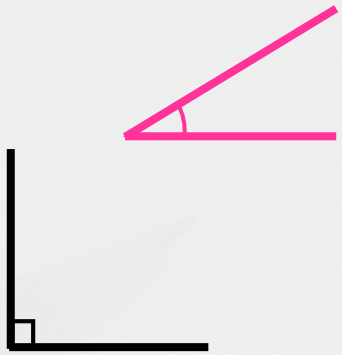
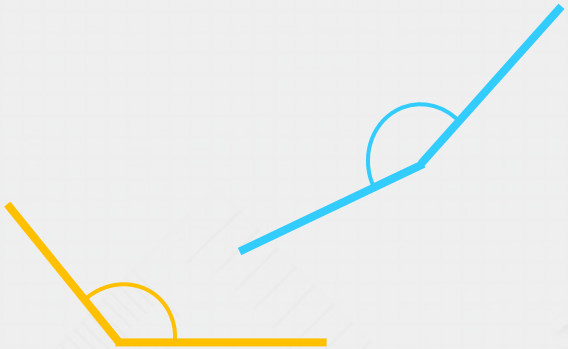
Introduction

Sort the angles.

Smaller than a right angle (acute)	Right angle	Larger than a right angle (obtuse)





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Introduction

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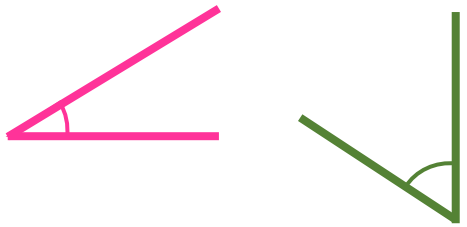	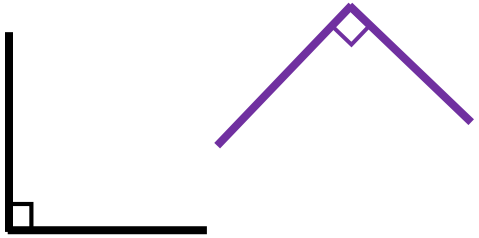	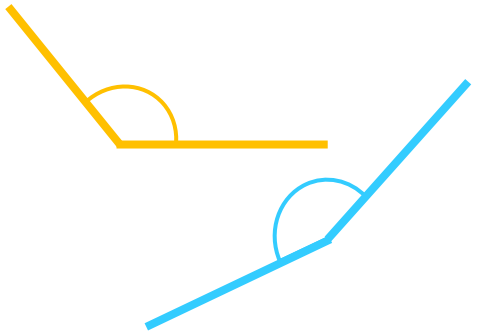

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Varied Fluency 1

Circle all the obtuse angles.

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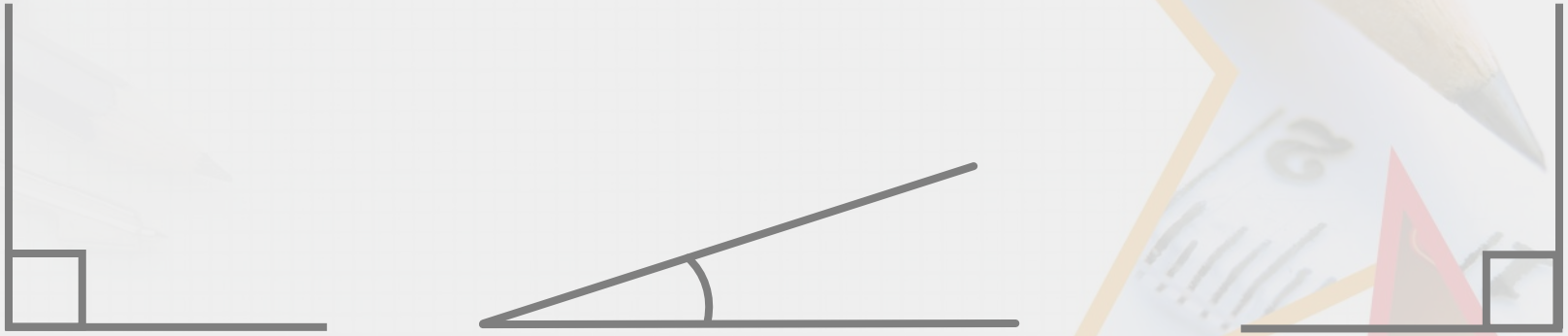
Varied Fluency 1

Circle all the obtuse angles.



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Varied Fluency 2

Use the symbols < or > to make the statements correct.

obtuse angle ☐ 90°

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Varied Fluency 2

Use the symbols < or > to make the statements correct.

obtuse angle $>$ 90°

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Varied Fluency 3

Match the angle size to the correct label.

acute angle

obtuse angle

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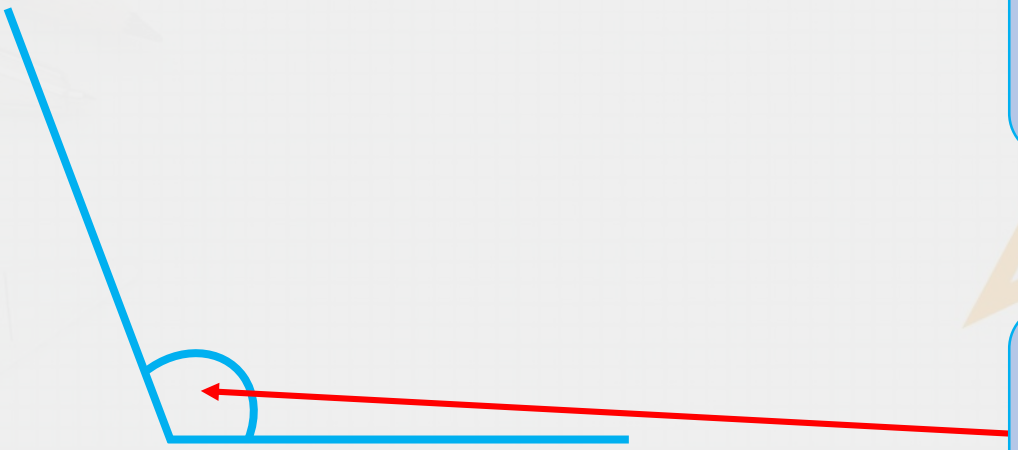
Varied Fluency 3

Match the angle size to the correct label.



acute angle

obtuse angle

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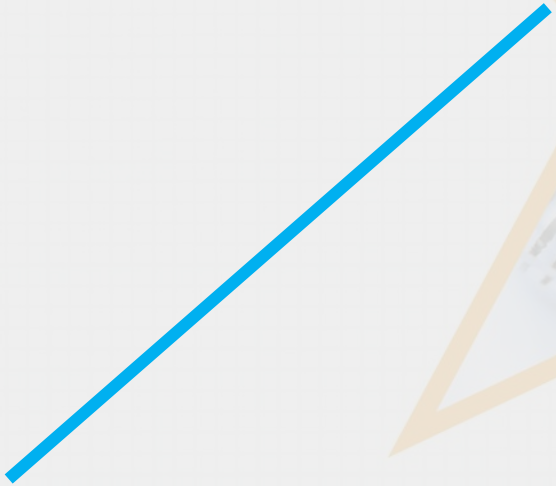
Varied Fluency 4

Use the line to draw an acute angle.



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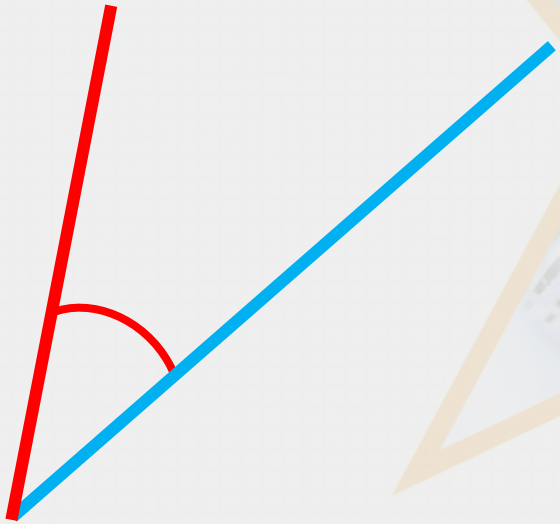
Varied Fluency 4

Use the line to draw an acute angle.



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Problem Solving 1

Match the angles which will still be acute when they are combined.

10°	12°
20°	79°
60°	65°

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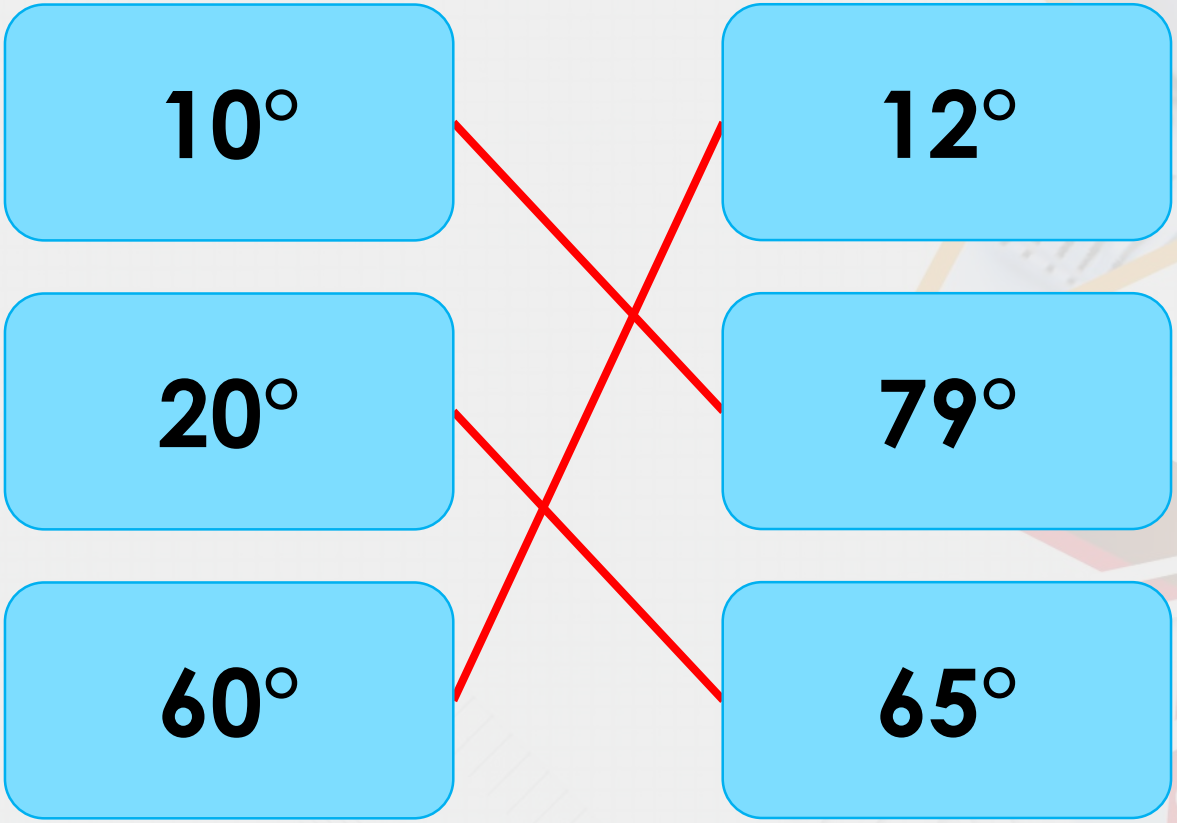
Problem Solving 1

Match the angles which will still be acute when they are combined.



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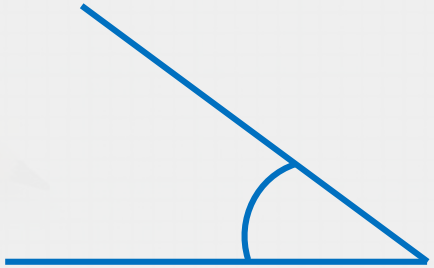
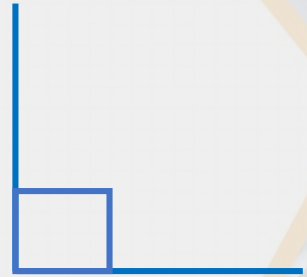
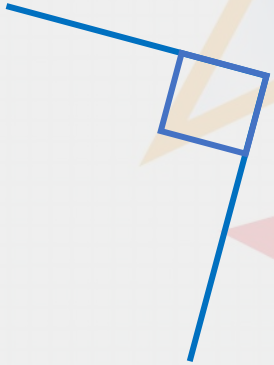
Reasoning 1

Which angle is the odd one out?







Explain your answer.

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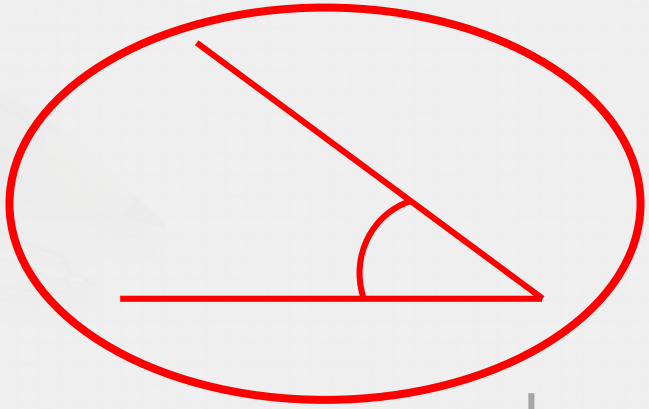
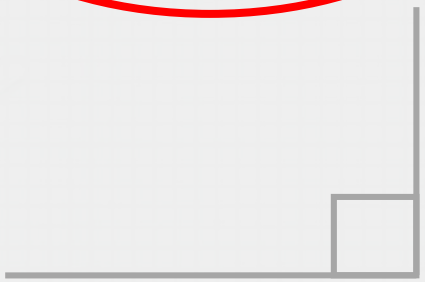
Reasoning 1

Which angle is the odd one out?





Explain your answer.

This angle is acute while all the others are right angles.

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Problem Solving 2

Using the digits below, can you create more obtuse or acute angles?

6	1	0	8

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Problem Solving 2

Using the digits below, can you create more obtuse or acute angles?

6	1	0	8

2-digit acute possibilities:
61°, 60°, 68°, 16°, 10°, 18°, 86°, 81°, 80°

3-digit obtuse possibilities:
108°, 106°, 160°, 168°

There are more acute than obtuse angles possible.

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