## Maths Mastery Estimate and Compare Angles

## Estimate Angles

Estimate this angle and explain your answer.
Compare your answer and explanation with a member of your group.


The angle is a little less than half a right angle, so a reasonable estimate is around $35^{\circ}$

## Estimate Angles

Estimate this angle and explain your answer.
Compare your answer and explanation with a member of your group.

$120^{\circ}$ would be a good estimate - the angle is about a third of the way between a right angle $\left(90^{\circ}\right)$ and a straight line $\left(180^{\circ}\right)$.

## Estimate Angles

Estimate this angle and explain your answer.
Compare your answer and explanation with a member of your group.

$170^{\circ}$ would be a good estimate - the angle is nearly a straight line so it is just less than $180^{\circ}$.

## Estimate Angles

Estimate this angle and explain your answer.
Compare your answer and explanation with a member of your group.

$280^{\circ}$ would be a good estimate - the angle is a little larger than 3 right angles ( $270^{\circ}$ ).

## Compare Angles

Order these angles from smallest to largest.

$10^{\circ}$

$25^{\circ}$

$45^{\circ}$

$80^{\circ}$

Estimate each angle.

## Compare Angles

Order these angles from smallest to largest.


Estimate each angle.

## Compare Angles

Order these angles from smallest to largest.

$195^{\circ}$


Estimate each angle.


