**Fairfield Gr4 U5 L11 S1 KEY Missing Angles sheet I**

**Complementary angles**

1.

Write an estimate for the angle measure.

Measure one angle.

What is the complementary angle measure and how did you find it?

**B**

**X**

**Y**

**M**

 Estimate of ∠YBX ˚

∠YBX 50˚

 ∠MBY 40˚

 How did you find ∠MBY?

2.

**L**

**P**

**N**

**M**

 Estimate of ∠MLN ˚

∠MLN 25˚

 ∠NLP 75˚

 How did you find ∠MBY?

**Q**

**S**

**T**

**R**

3.

 Estimate of ∠QRS ˚

∠QRS 60˚

 ∠SRT 30˚

 How did you find ∠MBY?

4.

 Estimate of ∠UOA ˚

**E**

**U**

**O**

**A**

∠UOA 80˚

 ∠AOE 10˚

 How did you find ∠AOE?

5.

 

**K**

**J**

**I**

**H**

 Estimate of ∠HIJ ˚

∠HIJ 85˚

 ∠JIK 5˚

 How did you find ∠JIK?

6.

**D**

**G**

**F**

**E**

 Estimate of ∠EDF ˚

∠EDF 30˚

 ∠FDG 60˚

 How did you find ∠FDG?

 **Missing Angles sheet II**

**Supplementary angles**

1.

**B**

**Z**

**J**

**F**

 Estimate of ∠JFZ ˚

∠JFZ 90˚

 ∠ZFB 90˚

 How did you find ∠ZFB?

2.

**L**

**P**

**M**

**R**

 Estimate of ∠MRP ˚

∠MRP 100˚

 ∠MRL 80˚

 How do you did you find ∠MRL?

3.

**Y**

**V**

**Z**

**X**

 Estimate of ∠XYV ˚

∠XYV 60˚

 ∠XYZ 120˚

 How did you find ∠XYZ?

4.

**B**

**D**

**C**

**F**

 Estimate of ∠CDB ˚

∠CDB 45˚

 ∠CDF 135˚

 How did you find ∠CDF?

5.

 Estimate of ∠IUO ˚

**E**

**O**

**I**

**U**

∠IUO 25˚

 ∠OUE 155˚

 How did you find ∠OUE?

6.

**W**

**N**

**L**

**M**

 Estimate of ∠LWM ˚

∠LWM 55˚

 ∠WMN 125˚

 How did you find ∠WMN?

 **KEY Missing Angles sheet III**



1.

∠M 80˚



2.

∠L 50˚

∠P 40˚



3.

∠N 30˚

∠O 50˚

4. Lines NJ and MK are parallel.

∠MXL 60˚

∠JYP 60˚

∠KXL 120˚

∠NYL 60˚

∠NYP 120˚

∠MXK 180˚

**R**

**25˚**

**T**

**S**

**Q**

**L**

5.

∠Q 25˚

∠R 65˚

∠S 155˚

∠T 65˚

∠L 25˚



6.

∠BTO 140˚

∠E 70˚

∠W 30˚

∠F 40˚