

## Sample Mathematics Paper for entry into Year 5

## Entry assessment for pupils planning to join St Faith's in Year 5 (Mathematics)

All pupils planning to enter the school in Year 5 next September will be assessed on work covering the topics listed below; the work will be set at levels 2, 3 and 4 of the National Curriculum.

The Number System and Place Value

**Number Relationships** 

Calculations

**Solving Numerical Problems** 

Angle

Shape

Symmetry and Transformation

Movement

Measures

Representing and processing Data

Interpreting Data

The questions will be a mixture of calculations and word problems, and credit will be given for clearly shown accurate working.

Sample Questions



Here are four number cards.

45

55

67

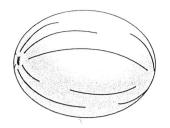
32

Jade picks the two cards which have a difference of 22

Which cards does she pick?



grapefruit 45p each



melons 59p each

Zak has one 50p coin and three 20p coins.

He buys a grapefruit and a melon.

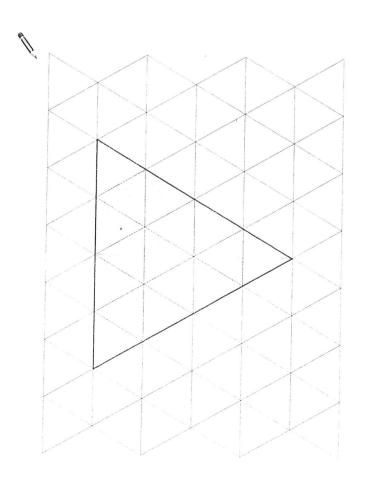
How much money does he have left?

3

Here is a grid of equilateral triangles.

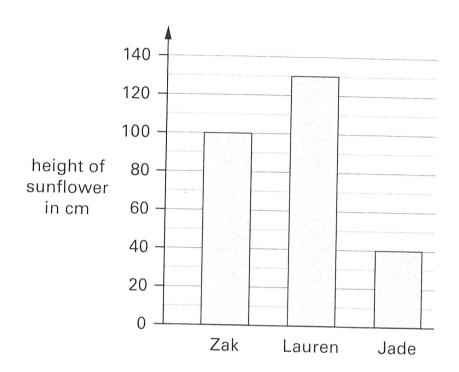
Draw all the lines of symmetry on the shaded triangle.

Use a ruler.



Three children measure the height of their sunflowers.

Here are their results.



How tall is Lauren's sunflower?

How much taller is Zak's sunflower than Jade's?