

**St Faith's**  
C A M B R I D G E



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

**1**

Here are four number cards.

45

55

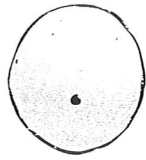
67

32

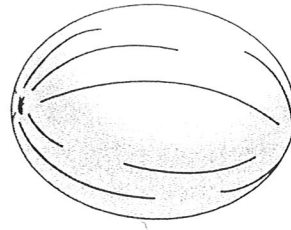
Jade picks the two cards which have a difference of 22

Which cards does she pick?

2



grapefruit  
45p each



melons  
59p each

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

He buys a grapefruit and a melon.

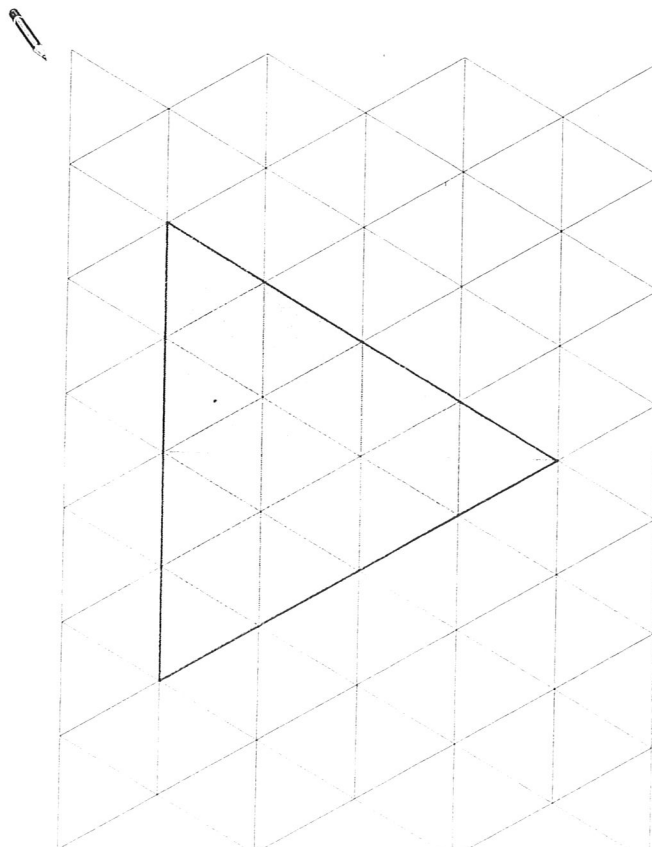
How much money does he have left?

3

Here is a grid of equilateral triangles.

Draw **all** the lines of symmetry on the shaded triangle.

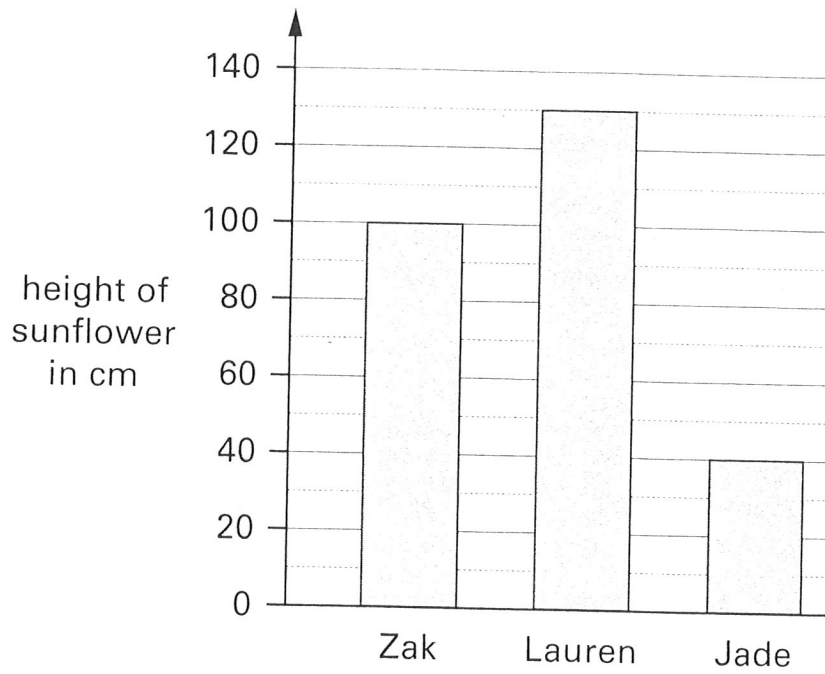
Use a ruler.



4

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?