## GCSE Breakfast Fold \& Solve - Non Calculator $1 \triangle$ ACCESS MATHS

Fold the answers back and work through the questions below!

## Answers - Fold this over

Skills:
Ali: £80 Beth: £200
Expression: $12 \mathrm{x}+4$
Power of 3: $3^{7}$
Prime factors: $2^{3} \times 7$
Formula:
$\operatorname{Sin}(30)=0.5, \operatorname{Cos}(60)=0.5$
Area of a circle $=\pi r^{2}$
Circumference $=\pi \mathrm{d}$
Area of a triangle $=\frac{1}{2} b h$
Pythagoras: $a^{2}+b^{2}=c^{2}$
Problem:
Here is one way:
$. \mathrm{ABC}=38^{\circ}$
Reason: Angles on a
straight line $=180^{\circ}$
$\mathrm{BEA}=71^{\circ}$
Reason: Base angles in an isosceles are equal
$\mathrm{x}=71^{\circ}$
Reason: Alternate angles are equal. $\mathrm{AED}=\mathrm{BAE}$

