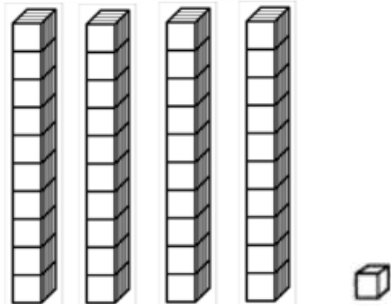


# KSI Problem Solving Questions

Tuesday 28<sup>th</sup> March 2017

1 Yin makes a number.



What is 2 tens more than this number?

2 Work out the value of each symbol.

$$\text{circle} + \text{heart} = 12$$

$$\text{star} \times \text{circle} = 20$$

$$\text{heart} + \text{heart} = 16$$

3 Use the information to work out how much each person weighs.

- Gina is the lightest. She weighs 32kg.
- Max is 45kg heavier than Gina.
- Riya is double Gina's weight.
- Cara is 19 kg lighter than Max.

Put the people in order of weight.  
Start with the lightest.

