

## Construct

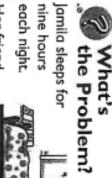
Using interlocking cubes, construct

- a model that has:
- half of its cubes red
- one-third of its cubes blue
- one-eighth of its cubes green
- the rest of its cubes yellow.

each night.

than one model using these fractions? Can you construct more





for ten hours Monica sleeps Her friend

Jamila says to Monica: "You sleep 15 days more than I do each year."

Is she correct?

the answer. Write about how you worked out

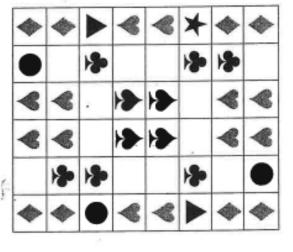


## The Language of Maths

comparing the different shapes in Write different fraction statements

Here are two to get you started.

- One-quarter of the squares on the grid have a heart in them.
- grid have a circle in them when Half as many squares on the compared to squares with clubs



Name:



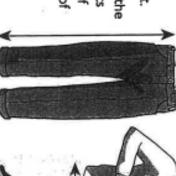


olume 5

## Let's Investigate

to in of your normal height. you have shrunk Imagine that

these pieces of be for each of measurements What would the

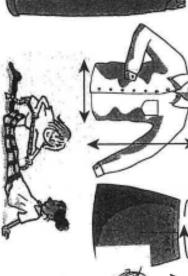


a pair of trousers a skirt If you're a boy

If you're a girl

a shirt

a shirt



## The Puzzler

A king had five daughters. On his deathbed he said:



one-fifth of my kingdom. To my second daughter, I leave one-quarter of my kingdom. To my eldest daughter, I leave

one-sixth of my kingdom. To my third daughter, I leave

one-seventh of my kingdom. To my fourth daughter, I leave

leave the rest of my kingdom. And to my youngest daughter,

How much did his youngest daughter inherit?

@ HarperCollinsPublishers Ltd 2011