

13th September

Corbettmaths

These patterns are made of sticks



Pattern 1 Pattern 2 Pattern 3

How many sticks will there be in
Pattern 6?

$$\frac{1}{2} \text{ of } 14 = \frac{1}{4} \text{ of } \dots\dots\dots$$

Hannah is y years old.
Martin is eight years older.

Write an expression for Martin's
age.

Hannah is y years old.
Beth is three times as old as
Hannah.

Write an expression for Beth's age.

Is height discrete or continuous data?
Tick a box.

Discrete

Continuous

Give a reason for your answer.

A job in Milan which pays €55,000 a year.
A job in Boston which pays \$64,000 a
year.

The exchange rates were £1 = \$1.42
and £1 = €1.25.

Which job offer has the highest salary?
Show working to explain your answer.