These patterns are made of sticks

![Pattern illustrations]

How many sticks will there be in Pattern 6?

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

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.