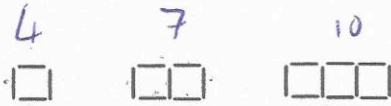


13th September



Corbettmaths

These patterns are made of sticks



Pattern 1 Pattern 2 Pattern 3

How many sticks will there be in Pattern 6?

4 7 10 13 16 19

19

$\frac{1}{2}$ of 14 = $\frac{1}{4}$ of 28

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

Write an expression for Martin's age.

$y + 8$

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

Write an expression for Beth's age.

$3y$

Is height discrete or continuous data?
Tick a box.

Discrete

Continuous

Give a reason for your answer.

Height can take any value on a given scale.

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.

~~1.25~~ $55000 \div 1.25 = 44000$
 $64000 \div 1.42 = 45070.42$

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

The job in Boston.