Find all the factors of the following numbers. The number of factors is shown in brackets.

13 8 (4)   17 15 (4)

14 25 (3)   18 32 (6)

15 22 (4)   19 60 (12)

16 18 (6)   20 36 (9)

a) Circle the factors of 30

5   15   25   3   30   4   2   12   60

Which number has the most factors? Tick your answer.
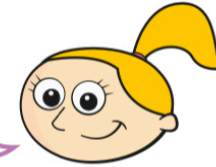
64   48

Amir and Eva are describing numbers using factors.

The number 11 does not have any factors.

Amir

My number lies between 20 and 25. It only has two factors.

Eva

a) Is Amir correct? _____

Explain your answer.

_____

_____

b) What number is Eva thinking of?