

- 13** Eva's camera takes photos with width and height in the ratio 3 : 2.
Photos can be printed in the following sizes.

20 cm by 16 cm

14 cm by 10 cm

24 cm by 16 cm

12 cm by 8 cm

Eva says

Only two of these sizes have the same ratio as my photos!

- (a)** Which sizes have the same ratio as her photos?

..... **[2]**

- (b)** Eva has a display board measuring 45 cm by 60 cm.
She wants to display postcards, each measuring 9 cm by 6 cm.

If no postcards overlap, find the maximum number of postcards she can display on the board.

(b) **[3]**