

Name - _____

Start time - __: __

End time - __: __

Solve the following questions :

Calculate the highest common factor for the following set of numbers:

1) 12, 20 - _____

2) 27, 18 - _____

3) 30, 105 - _____

4) 63, 147 - _____

5) 88, 40, 56 - _____

6) 308, 126 - _____

7) 175, 385 - _____

8) 110, 286 - _____

9) 273, 182 - _____

10) 2079, 1071 - _____

11) 506, 957 - _____

12) 832, 912 - _____

- (a) Two planks of wood are 200cm and 240cm in length. Each plank of wood is to be cut into the same length pieces. Calculate the maximum length of each piece.

- (b) 3 people are planting trees. Alan plants a tree every 10 minutes. Ben plants a tree every 12 minutes, and Carol plants a tree every 8 minutes. If they each planted trees continuously, how long would it take for them to all plant a tree at the same time?