Work sheet 2: (Factors and Common Factors)

Answer the following Questions:

1. List the factors of the following.
   a. 48 Answer:
   b. 92 Answer:

2. List the common factor for each of the following pairs
   a. 16 and 26 Answer: CF:
   b. 18 and 36 Answer: CF:
   c. 3 and 13 Answer: CF:

3. Which of the following are true about factor? (Write T for true and F for false).
   a. The greatest factor of a number is the number itself.
   b. The second greatest factor of any number is always less than or equal to half of the number.
   c. 1 is a common factor of any pair of numbers.
   d. Any pair of numbers will always have two or more factors.

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e. 8 is the highest common factor of 2 and 4.

f. The highest common factor of 2 and 6 is 2.

4. The area of a rectangle is 36 square unit. List the possible side length of the rectangle.

   Answer:

5. Two rectangles have an area of 20 square unit and 15 square unit. What will be the greatest common side length of the two rectangles?

   Answer: Greatest common side length =

6. There are 12 boys and 18 girls in a class.

   a. In how many ways can you divide the students in group so that there are equal number of boys and girls in all the groups?

      Answer: different ways.

   b. What are the possible number of groups?

      Answer:

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