

Harder HCF and LCM Problems

- (a) The HCF of a and 40 is 10. The LCM of a and 40 is 280. Find the value of a .
- (b) The HCF of b and 24 is 12. The LCM of b and 24 is 120. Find the value of b .
- (c) The HCF of c and 54 is 18. The LCM of c and 54 is 378. Find the value of c .
- (d) The HCF of d and 44 is 22. The LCM of d and 44 is 660. Find the value of d .

- (a) The HCF of two numbers is 8. The LCM of the same two numbers is 440. Find a possible pair of numbers.
- (b) The HCF of two numbers is 21. The LCM of the same two numbers is 252. Find two possible pairs of numbers.
- (c) The HCF of two numbers is 15. The LCM of the same two numbers is 1650. Find three possible pairs of numbers.

- (a) The HCF of two numbers is 6. The LCM of the same two numbers is a multiple of 21. Find a possible pair of numbers.
- (b) The HCF of two numbers is 10. The LCM of the same two numbers is a multiple of 35. Find two possible pairs of numbers.

- (a) The HCF of 12, 42 and x is 3. The LCM of 12, 42 and x is 420. Find the value of x .
- (b) The HCF of 50, x and y is 5. The LCM of 50, x and y is 1050. Find three possible pairs of values for x and y .

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