

Worksheet

04/21/2019

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Problem quickname: 6003

1)

Which of these are prime numbers?

Quick:
6003

- a) 93 is not prime: $93 = 3 \cdot 31$ b) 5 is prime c) 79 is prime
 d) 7 is prime e) 61 is prime f) 53 is prime g) 83 is prime
 h) 55 is not prime: $55 = 5 \cdot 11$ i) 41 is prime j) 23 is prime

2)

Which of these are prime numbers?

Quick:
6003

- a) 142 is not prime: $142 = 2 \cdot 71$ b) 179 is prime c) 71 is prime
 d) 169 is not prime: $169 = 13^2$ e) 167 is prime f) 113 is prime
 g) 89 is prime h) 122 is not prime: $122 = 2 \cdot 61$ i) 157 is prime
 j) 83 is prime

3)

Which of these are prime numbers?

Quick:
6003

- a) 50 is not prime: $50 = 2 \cdot 5^2$ b) 84 is not prime: $84 = 2^2 \cdot 3 \cdot 7$
 c) 70 is not prime: $70 = 2 \cdot 5 \cdot 7$ d) 15 is not prime: $15 = 3 \cdot 5$
 e) 2 is prime f) 98 is not prime: $98 = 2 \cdot 7^2$
 g) 120 is not prime: $120 = 2^3 \cdot 3 \cdot 5$ h) 6 is not prime: $6 = 2 \cdot 3$
 i) 7 is prime j) 105 is not prime: $105 = 3 \cdot 5 \cdot 7$

4)

Which of these are prime numbers?

Quick:
6003

- a) 143 is not prime: $143 = 11 \cdot 13$ b) 35 is not prime: $35 = 5 \cdot 7$
 c) 3 is prime d) 182 is not prime: $182 = 2 \cdot 7 \cdot 13$
 e) 119 is not prime: $119 = 7 \cdot 17$ f) 130 is not prime: $130 = 2 \cdot 5 \cdot 13$
 g) 95 is not prime: $95 = 5 \cdot 19$ h) 85 is not prime: $85 = 5 \cdot 17$
 i) 102 is not prime: $102 = 2 \cdot 3 \cdot 17$ j) 57 is not prime: $57 = 3 \cdot 19$

Good Luck!