1. Match each word with its meaning.

is a whole number greater than 1 that has exactly two factors, 1 and itself.   •   • common multiple

is a multiple of two or more numbers.   •   • prime number

is a whole number greater than 1 that has more than two factors.   •   • composite number

2. Choose **<u>all factors</u>** of number 6.

○ 3	○ 6	○ 18	○ 16

3. Choose **<u>all multiples</u>** of number 6.

○ 3	○ 6	○ 18	○ 16

4. Choose **<u>all factors</u>** of number 3.

○ 3	○ 1	○ 9	○ 12

5. Choose **<u>all multiples</u>** of number 3.

○ 3	○ 1	○ 9	○ 12

6. Is 20 is a **factor** or **multiple** of the number?

10	○ multiple	○ factor
20	○ multiple	○ factor
5	○ multiple	○ factor
1	○ multiple	○ factor
4	○ multiple	○ factor

7. True or false

A. Every whole number is a multiple of 1.	◊True	◊ False
B. Every whole number is a factor of 1.	◊True	◊ False
C. The number 45 is a multiple of 9.	◊True	◊ False
D. The number 4 is a multiple of 16.	◊True	◊ False
E. The number 28 is a multiple of 4.	◊True	◊ False
F. The number 4 is a factor of 28.	◊True	◊ False
G. The number 32 is a factor of 8.	◊True	◊ False
H. Only odd numbers are prime numbers.	◊True	◊ False
I . A composite number cannot have three factors.	◊True	◊ False

8. Tell whether the number is prime or composite.

• 11	◊ prime	◊ composite
• 73	◊ prime	◊ composite
• 69	◊ prime	◊ composite
• 42	◊ prime	◊ composite
• 18	◊ prime	◊ composite
• 49	◊ prime	◊ composite