

Multiples and factors quiz

Level A

- 18, 24 and 30 are all multiples of three.
 - True
 - False
- 5 is a multiple of 20.
 - True
 - False
- Which list is made up of multiples of 4?
 - 1, 4, 40
 - 8, 16, 36
 - 12, 22, 28
 - 4, 14, 24
- The multiples of 5 all end in 0 or 5.
 - True
 - False
- Six has all the following factors...
 - 1, 2, 3, 6
 - 3, 6, 12, 18
 - 2, 4, 6
- Five has only two factors.
 - True
 - False
- The factors of 24 include...
 - 1, 6, 9
 - 1, 8, 12
 - 1, 5, 12
 - 15, 30, 48

Multiples and factors quiz

Level B

1. 12, 24 and 42 are all multiples of 6.
 - A) True
 - B) False

2. 62 is a multiple of 8.
 - A) True
 - B) False

3. Which list is made up of multiples of 7?
 - A) 14, 25, 35
 - B) 19, 26, 33
 - C) 21, 35, 52
 - D) 7, 14, 70

4. The sixth multiple of nine is...
 - A) 45
 - B) 15
 - C) 69
 - D) 54

5. The factors of 28 are...
 - A) 7, 14, 21
 - B) 1, 6, 28
 - C) 2, 4, 7, 14
 - D) 1, 2, 4, 7, 14, 28

6. The factors of 35 are...
 - A) 1, 3, 5, 35
 - B) 5, 15, 20, 35
 - C) 1, 5, 7, 35
 - D) 1, 2, 4, 7, 35

7. Seven is a factor of...
 - A) 14, 27 and 72
 - B) 21, 28 and 42
 - C) 1, 7 and 14
 - D) 37, 47 and 57
 - E)

Multiples and factors quiz

Answers

Level A

1. 18, 24 and 30 are all multiples of three.

The correct answer is: A. True. $3 \times 6 = 18$, $3 \times 8 = 24$ and $3 \times 10 = 30$.

2. 5 is a multiple of 20.

The correct answer is: B. False. 5 is a factor of 20, not a multiple of 20.

3. Which list is made up of multiples of 4?

The correct answer is: B. 8, 16, 36.

4. The multiples of 5 all end in 0 or 5.

The correct answer is: A. True. E.g. $1 \times 5 = \underline{5}$, $4 \times 5 = \underline{20}$, $7 \times 5 = \underline{35}$, $10 \times 5 = \underline{50}$.

5. Six has all the following factors...

The correct answer is: A. 1, 2, 3, 6.

6. Five has only two factors.

The correct answer is: A. True. 5 is a prime number – it can only be divided by 1 and itself (5).

7. The factors of 24 include...

The correct answer is: B. 1, 8 and 12 are all factors of 24.

Multiples and factors quiz

Level B

1. 12, 24 and 42 are all multiples of 6.

The correct answer is: A. True. $6 \times 2 = 12$ $6 \times 4 = 24$ and $6 \times 7 = 42$.

2. 62 is a multiple of 8.

The correct answer is: B. False. The nearest multiple is 64 ($8 \times 8 = 64$).

3. Which list is made up of multiples of 7?

The correct answer is: D. 7, 14, 70 is the list made up of multiples of 7.

4. The sixth multiple of nine is...

The correct answer is: D. $6 \times 9 = 54$

5. The factors of 28 are...

The correct answer is: D. 1, 2, 4, 7, 14, 28 are the factors of 28, which includes 1 and 28.

6. The factors of 35 are...

The correct answer is: C. 1, 5, 7 and 35 are the factors of 35, which includes 1 and 35.

7. Seven is a factor of...

The correct answer is: B. 21, 28 and 42 are the factors of seven.