

# Mathematics - Exercise List

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**Topic: Exercise List on Trigonometry**

**Grade Level: Elementary (K-5)**

## Elementary Trigonometry Exercise List

### Introduction

Trigonometry is a branch of mathematics that deals with the relationships between angles and sides in triangles. At the elementary level, we focus on foundational concepts to build a basic understanding of trigonometric principles.

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### # Addition

#### **## Multiple Choice**

1. What is  $5 + 3$ ?

- A) 7
- B) 8
- C) 9
- D) 10

Answer: A

2. What is  $10 - 4$ ?

- A) 6
- B) 7
- C) 8
- D) 9

Answer: B

3. What is  $15 \div 3$ ?

A) 5

B) 6

C) 7

D) 8

Answer: A

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### **## Subtraction**

#### ***## Multiple Choice***

4. Which of the following is correct?

A)  $3 + 4 = 7$

B)  $10 - 5 = 5$

C)  $2 \times 3 = 6$

D) All of the above

Answer: D

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### **## Multiplication**

#### ***## Multiple Choice***

5. What is  $4 \times 5$ ?

A) 18

B) 20

C) 25

D) 30

Answer: B

6. Which of the following shows the commutative property?

A)  $(2 + 3) + 4 = 2 + (3 + 4)$

B)  $(2 \times 3) \times 4 = 2 \times (3 \times 4)$

C)  $(2 + 3) \times 4 = 2 + (3 \times 4)$

D) All of the above

Answer: A and B

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### **## Division**

#### **## Multiple Choice**

7. What is  $12 \div 3$ ?

A) 3

B) 4

C) 5

D) 6

Answer: A

8. Which of the following shows the associative property?

A)  $(2 + 3) + 4 = 2 + (3 + 4)$

B)  $(2 \times 3) \times 4 = 2 \times (3 \times 4)$

C)  $(2 + 3) \times 4 = 2 + (3 \times 4)$

D) All of the above

Answer: A and B

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### ## Problem Solving

9. In a right-angled triangle, if one angle is  $30^\circ$ , what is the measure of the other non-right angle?

A)  $60^\circ$

B)  $45^\circ$

C)  $120^\circ$

D)  $180^\circ$

Answer: A

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### ## True/False

10. \*\*True\*\*

The sum of two angles in a triangle is always greater than the third angle.

11. \*\*False\*\*

The product of two even numbers is always even.

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#### **## Answer Key**

10. B

11. B

12. A

13. D

14. B

15. A and B

16. A

17. A and B

18. A

10. True

11. False

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This exercise list introduces basic trigonometric concepts suitable for elementary students, focusing on addition, subtraction, multiplication, division, and foundational problem-solving skills.