

Mathematics - Exercise List

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.

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

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

Multiplication

Multiple Choice

5. What is 4×5 ?

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

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

Problem Solving

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

A) 60°

B) 45°

C) 120°

D) 180°

Answer: A

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.

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

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