

Grade 3 Math - Unit 5: Patterns and Properties (Unit Test)

Grade 3 · Math · Unit Test · Core

AI-generated practice paper · original study aid, not an official examination paper · 24 questions · 100 points

Name: _____ Date: _____ Score: _____

Answer all questions. This paper is worth 100 points. Show your working where appropriate.

I. Multiple Choice

- Which equation shows the commutative property of multiplication?
A. $6 \times 4 = 4 \times 6$
B. $6 \times 4 = 24$
C. $6 + 4 = 10$
D. $6 \times 1 = 6$
- What is the missing number in this pattern? 7, 14, 21, __, 35
A. 28
B. 30
C. 32
D. 36
- Which number sentence uses the commutative property to rewrite 5×8 ?
A. 8×5
B. $5 + 8$
C. $8 + 5$
D. $40 \div 5$
- A pattern starts at 9 and adds 6 each time. What are the next two numbers?
A. 15, 21
B. 15, 18
C. 16, 22
D. 14, 20
- Which pair of equations shows the commutative property?
A. $7 \times 3 = 21$ and $3 \times 7 = 21$
B. $7 \times 3 = 21$ and $7 + 3 = 10$
C. $7 \times 3 = 21$ and $7 \times 1 = 7$
D. $7 \times 3 = 21$ and $21 \div 3 = 7$
- What rule describes this pattern? 12, 18, 24, 30, 36
A. Add 5
B. Add 6
C. Multiply by 2
D. Subtract 6
- Which number sentence shows the commutative property of multiplication?
A. $6 \times 4 = 4 \times 6$
B. $6 \times 4 = 24$
C. $6 \times 4 = 6 + 6 + 6 + 6$
D. $6 \times 4 = 6 \times 4 \times 1$
- If $4 \times 7 = 28$, what is 7×4 ?
A. 21
B. 28
C. 32
D. 47
- What is the next number in this pattern? 3, 6, 9, 12, ____
A. 13
B. 14
C. 15
D. 18
- Which number completes the pattern? 8, 16, 24, __, 40
A. 28
B. 30
C. 32
D. 36