

GRADE 1 MATH NEWSLETTER

During this trimester, your child will learn these standards:

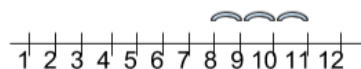
- 1.OA.A.1 Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions
- 1.OA.A.2 Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20,
- 1.OA.B.3 Add numbers in different orders and by grouping them in different ways; apply properties of operations as strategies to add and subtract.
- 1.OA.B.4 Understand subtraction as an unknown-addend problem.
- 1.OA.C.5 Relate counting to addition and subtraction
- 1.OA.C.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10; uses different strategies like counting on, making ten, and knowing my facts. I can subtract within 20 using different strategies like breaking numbers apart to make 10 or knowing my facts.
- 1.OA.D.7 Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.
- 1.OA.D.8 Determine the missing whole number in an addition or subtraction equation

EXAMPLE PROBLEMS

1.OA.B.3 Solve $11 - 8 = ?$ Solution: $? = 3$

1.OA.B.4 Examples: If $8 + 3 = 11$ is known, then $3 + 8 = 11$ is also known. (Commutative property of addition.) To add $2 + 6 + 4$, the second two numbers can be added to make a ten, so $2 + 6 + 4 = 2 + 10 = 12$. (Associative property of addition.)

1.OA.C.5 Start at 11 and "jump" back 3 spots on the number line



1.OA.D.7 Question: True or False: is $4 + 3 = 12$ Solution: False because $4 + 3 = 7$ not 12

1.OA.D.8 $9 + ? = 13$ $5 = ? - 3$ $6 + 6 = ?$

CLARIFYING INFORMATION

- 1.OA.1 and 1.OA.A.2 e.g., using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
- 1.OA.B.4 Solve a subtraction problem by counting on from the higher number
- 1.OA.C.5 e.g., by counting on 2 to add 2

RESOURCES (SCHOOL AND HOME): MORE PRACTICE OPPORTUNITIES

- Dreambox
<https://play.dreambox.com/login/7wbk/waynet>
- MyPath Blog games (math section)
<http://wtmypath.blogspot.com>

TRIMESTER 3 PREVIEW

- Numbers and operations in base 10
- Geometry
- Measurement
- Time
- Money

