

Name _____

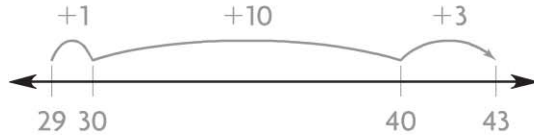
Mental Math Strategies for Addition

COMMON CORE STANDARD CC.3.NBT.2

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Count by tens and ones to find the sum.
Use the number line to show your thinking.

1. $29 + 14 = \underline{43}$



2. $36 + 28 = \underline{\hspace{2cm}}$



3. $45 + 26 = \underline{\hspace{2cm}}$



4. $52 + 34 = \underline{\hspace{2cm}}$



Use mental math to find the sum.
Draw or describe the strategy you use.

5. $52 + 19 = \underline{\hspace{2cm}}$

6. $122 + 306 = \underline{\hspace{2cm}}$

Problem Solving

7. Shelley spent 17 minutes washing the dishes. She spent 38 minutes cleaning her room. **Explain** how you can use mental math to find how long Shelley spent on the two tasks.

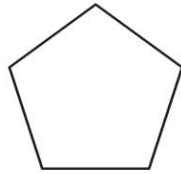
8. It took Marty 42 minutes to write a book report. Then he spent 18 minutes correcting his report. **Explain** how you can use mental math to find how long Marty spent on his book report.

Lesson Check (CC.3.NBT.2)

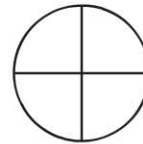
- Sylvia spent $36¢$ for a pencil and $55¢$ for a notepad. Use mental math to find how much she spent in all.
 - (A) $80¢$
 - (B) $81¢$
 - (C) $90¢$
 - (D) $91¢$
- Will spent 24 minutes putting together a model plane. Then he spent 48 minutes painting the model. How long did Will spend working on the model plane?
 - (A) 62 minutes
 - (B) 68 minutes
 - (C) 72 minutes
 - (D) 81 minutes

Spiral Review (Reviews CC.2.G.1, CC.2.G.3; CC.3.OA.9, CC.3.NBT.1)

- What name describes this shape? (Grade 2)
- What word describes the equal shares of the shape? (Grade 2)



- (A) hexagon
- (B) pentagon
- (C) quadrilateral
- (D) triangle



- (A) fourths
- (B) halves
- (C) sixths
- (D) thirds

- Tammy wrote an addition problem that has an odd sum. Which could be Tammy's addition problem? (Lesson 1.1)
 - (A) $2 + 6$
 - (B) $3 + 5$
 - (C) $5 + 6$
 - (D) $7 + 7$
- Greg counted 83 cars and 38 trucks in the mall parking lot. Which is the best estimate of the total number of cars and trucks Greg counted? (Lesson 1.3)
 - (A) 100
 - (B) 110
 - (C) 120
 - (D) 130