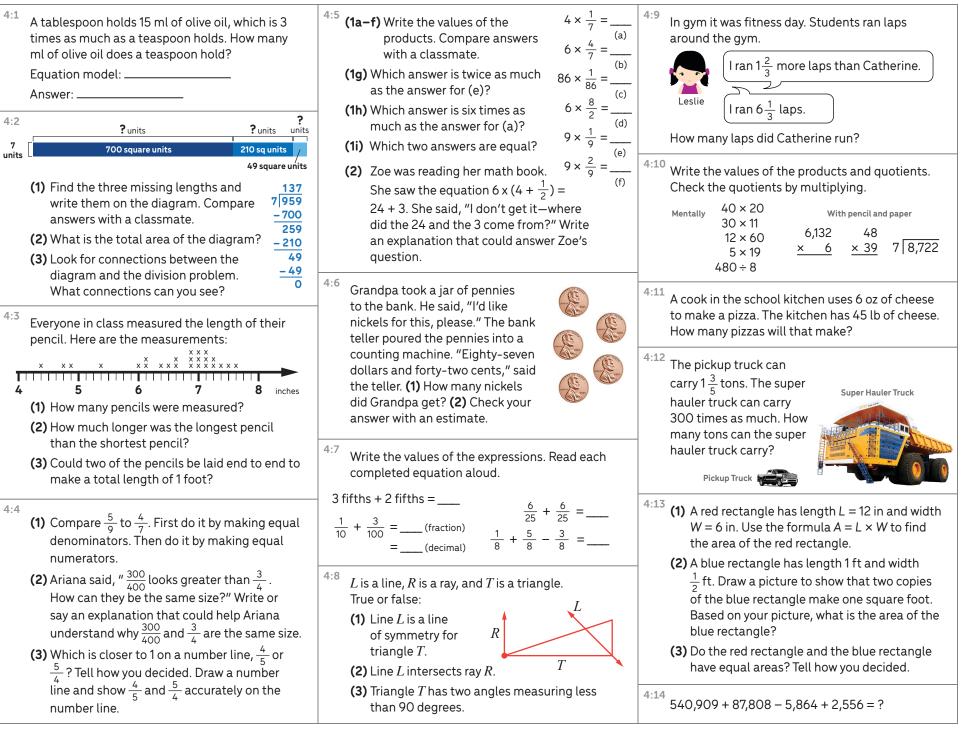
## Math Milestones<sup>™</sup> — Grade 4



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## The 14 Math Milestones<sup>™</sup> tasks for grade 4 have been carefully crafted to embody grade 4 mathematics on one page.

4:1	A Tablespoon of Oil	СА	4.OA.A.2
4:2	Multi-Digit Division Concepts	С	4.NBT.B.6
4:3	Pencil Data	А	4.MD.B.4
4:4	Comparing Fractions with Equivalence	С	4.NF.A
4:5	Fraction Products and Properties	С	4.NF.B.4a, 4b
4:6	Jar of Pennies	ΑP	4.OA.A.3
4:7	Fraction Sums and Differences	СР	4.NF.B.3a-c, 4.NF.C.5,
4:8	Shapes with Given Positions	С	4.MD.C, 4.G.A
4:9	Fitness Day	СА	4.NF.B.3d
4:10	Calculating Products and Quotients	Р	4.NBT.B
4:11	School Kitchen	А	4.MD.A.2, 4.NBT.B.5
4:12	Super Hauler Truck	СА	4.NF.B.4c, 4.OA.A.2
4:13	Area Units	С	4.MD.A.3
4:14	Fluency with Multi-Digit Sums and Differences	Р	4.NBT.B.4

C = Task has a conceptual focus.

- P = Task has a procedural skill & fluency focus.
- A = Task has an application focus.

## **Standards for Mathematical Practice**

MP.1	Make sense of problems and persevere in solving them.	4:6, 4:11
MP.2	Reason abstractly and quantitatively.	4:1, 4:2, 4:3, 4:6
MP.3	Construct viable arguments and critique the reasoning of others.	4:4, 4:5, 4:13
MP.4	Model with mathematics.	4:1, 4:3, 4:6, 4:9, 4:11, 4:12
MP.5	Use appropriate tools strategically.	4:5(2), 4:8
MP.6	Attend to precision.	4:4, 4:8, 4:10, 4:13, 4:14
MP.7	Look for and make use of structure.	4:2, 4:5, 4:7, 4:8, 4:10, 4:14
MP.8	Express regularity in repeated reasoning.	4:4, 4:5, 4:7

Standards codes refer to www.corestandards.org. One purpose of the codes is that they may allow a task to shed light on the Standards cited for that task. Conversely, reading the cited Standards may suggest opportunities to extend a task or draw out its implications. Finally, Standards codes may also assist with locating relevant sections in curriculum materials, including materials aligned to comparable standards.



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Math Milestones<sup>™</sup> was created by Jason Zimba, John W. Staley, Elizabeth Meier, Sandra Alberti, Harold Asturias, and Phil Daro.

Math Milestones<sup>™</sup> tasks are not designed for summative assessment. Used formatively, the tasks can reveal and promote student thinking. Student work on tasks could be collected in student portfolios.

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