

Magnetic Cuisenaire® Rods

Set of 64 Rods includes:

- Orange = 10 units (4)
- Blue = 9 units (4)
- Brown = 8 units (4)
- Black = 7 units (4)
- Dark green = 6 units (4)
- Yellow = 5 units (4)
- Purple = 4 units (4)
- Light green = 3 units (4)
- Red = 2 units (12)
- White = 1 unit (20)

Cuisenaire® Rods develop a variety of math skills. Each Rod's color represents a different length. In a set of Cuisenaire Rods, the shortest Rod, white, is 1 centimeter long; the longest, orange, is 10 centimeters long. Magnetic Rods in this set have been enlarged for demonstration purposes and for use with small groups: the white Rod is $2\frac{1}{2}$ cm x $2\frac{1}{2}$ cm, and the orange Rod is 25 cm x $2\frac{1}{2}$ cm. Arrange Rods in ascending order to form a pattern commonly called a "staircase." Since Rods consistently progress in length by $2\frac{1}{2}$ centimeters, assign values to the Rods to emphasize continuity.

Sample Activity: Addition with Cuisenaire® Rods

Model addition for your students by placing Rods in trains, and then finding their equivalence. For example, find $4 + 3$ by making a train with a purple Rod (4) and a light green Rod (3). Then, find the single Rod (black) whose length (7) is equal to that of the two-car train composed of purple and light green.

purple	light green
black	

$$4 + 3 = 7$$

For more sample activities and sample worksheets for Cuisenaire® Rods, please visit www.LearningResources.com.

⚠ WARNING:
CHOKING HAZARD—Small parts. Not for children under 3 years.
MAGNETS—This product contains small magnets. Swallowed magnets can stick together across intestines causing serious infections and death. Seek immediate medical attention if magnets are swallowed or inhaled.

Intervention Strategies

- **Beginning Addition:** *Counting On* is a basic way to add a small quantity to a large quantity. For example, to solve $4 + 3$, a student can count on three: 5, 6, 7. Have students count on (or back for subtraction) as they touch and align Rods on a white board or magnetic surface.
- **Visual Thinking:** Encourage students to draw their own Rods when working out traditional paper-and-pencil number problems to help them visualize problems and clarify their understanding of both the problem and solution.
- **Concrete Representation:** To help students who have difficulty recalling the value of a given Rod during problem demonstration, write values directly on the Rods with a dry-erase marker.

Look for these other great products from Learning Resources®:

LER 7500 Cuisenaire® Rods Introductory Set

LER 7502 Cuisenaire® Rods Classroom Multi-Pack

RISQUE D'ÉTOUFFEMENT. Petites pièces.
Interdit aux enfants en dessous de 3 ans.

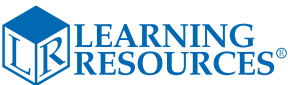
ERSTICKUNGSGEFAHR. Kleine Teile.
Nicht geeignet für Kinder unter 3 Jahren.

PELIGRO DE ASFIXIA. Piezas pequeñas.
No se recomienda para menores de 3 años.

ATTENTION! Ce jouet contient des aimants ou des composants magnétiques. Des aimants collés les uns aux autres ou à un objet métallique à l'intérieur du corps humain peuvent entraîner des lésions graves ou mortelles. En cas d'ingestion ou d'inhalation d'aimants, demandez immédiatement une assistance médicale.

WARNUNG! Dieses Spielzeug enthält Magnete oder magnetische Bestandteile. Magnete, die im menschlichen Körper einander oder einen metallischen Gegenstand anziehen, können schwere oder tödliche Verletzungen verursachen. Ziehen Sie sofort einen Arzt zu Rate, wenn Magnete verschluckt oder eingeatmet wurden.

ATENCIÓN: Este juguete contiene imanes o componentes magnéticos. La unión de los imanes entre sí o a un objeto metálico dentro del cuerpo humano puede provocar lesiones graves o mortales. Si se han tragado o inhalado los imanes, busque atención médica inmediata.



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