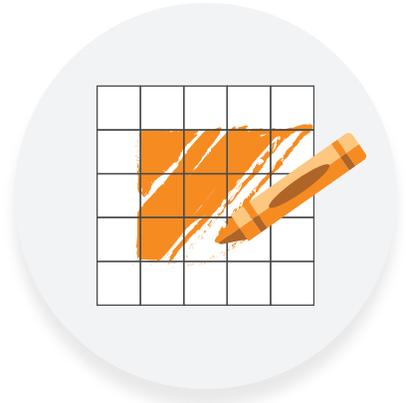


Rectangle Rumble



Students take turns generating factors and shading a grid to represent the product. They play until no more rectangles can be shaded on the grid. At the end of the game, each student finds the total area they shaded. The student with the greater total number of square units wins.

GRADE 3	Factors 1, 2, 5, and 10
	Factors 1–5
	Factors 1–10
	Perimeter
GRADE 5	Whole Numbers and Fraction Factors
	Fraction Factors



Rectangle Rumble

	Materials	Differentiation
Factors 1, 2, 5, and 10 (GRADE 3)	<ul style="list-style-type: none">• Directions, Gameboard, Spinner (Centers Resources)• number cubes (Manipulative Kit)• coloring tools, paper clips (Classroom materials)	<p>Support</p> <ul style="list-style-type: none">• Remind students that the rectangles can be vertical or horizontal.• Encourage students to show their work when adding up their total area. <p>Stretch</p> <p>Encourage students to create unique rectangles.</p>
Factors 1–5 (GRADE 3)	<ul style="list-style-type: none">• Directions, Gameboard, Spinner (Centers Resources)• number cubes (Manipulative Kit)• coloring tools, paper clips (Classroom materials)	<p>Support</p> <ul style="list-style-type: none">• Remind students that the rectangles can be vertical or horizontal.• Encourage students to show their work when adding up their total area. <p>Stretch</p> <p>Encourage students to create unique rectangles.</p>
Factors 1–10 (GRADE 3)	<ul style="list-style-type: none">• Directions, Gameboard, Spinners (Centers Resources)• coloring tools, paper clips (Classroom materials)	<p>Support</p> <ul style="list-style-type: none">• Remind students that the rectangles can be vertical or horizontal.• Encourage students to show their work when adding up their total area. <p>Stretch</p> <p>Encourage students to create unique rectangles.</p>



	Materials	Differentiation
<p>Perimeter (GRADE 3)</p>	<ul style="list-style-type: none"> • Directions, Gameboard, Spinners (Centers Resources) • coloring tools, paper clips (Classroom materials) 	<p>Support</p> <ul style="list-style-type: none"> • Remind students that the rectangles can be vertical or horizontal. • Encourage students to show their work when adding up their total area. <p>Stretch</p> <p>Encourage students to create unique rectangles.</p>
<p>Whole Number and Fraction Factors (GRADE 5)</p>	<ul style="list-style-type: none"> • Directions, Gameboard, Number Cards, 1–4, Spinner (Centers Resources) • coloring tools, paper clips (Classroom materials) 	<p>Support</p> <ul style="list-style-type: none"> • Remind students that the rectangles can be vertical or horizontal. • Encourage students to show their work when adding up their total area. <p>Stretch</p> <p>Encourage students to create unique rectangles.</p>
<p>Fraction Factors (GRADE 5)</p>	<ul style="list-style-type: none"> • Directions, Gameboard, Spinners (Centers Resources) • coloring tools, paper clips (Classroom materials) 	<p>Support</p> <ul style="list-style-type: none"> • Remind students that the rectangles can be vertical or horizontal. • Encourage students to show their work when adding up their total area. <p>Stretch</p> <p>Encourage students to create unique rectangles.</p>