## Lesson 11: Fractional Side Lengths Greater Than 1

* Let’s find the area of more rectangles.

### Warm-up: True or False: Thirds

Decide if each statement is true or false. Be prepared to explain your reasoning.

* $10÷3=10×\frac{1}{3}$
* $10÷3=10\frac{1}{3}$
* $\frac{10}{3}=5×\frac{2}{3}$

### 11.1: Greater Than One

1. Find the area of the shaded region in square units. Explain or show your reasoning.
* 
1. Select **all** the expressions which represent the area of the shaded region in square units. For each correct expression, explain your reasoning.
	1. $4\frac{2}{3}×4$
	2. $16×\frac{8}{3}$
	3. $\frac{14}{3}×4$
	4. $\frac{56}{3}$
	5. $4×\frac{5}{3}$

### 11.2: Diagrams and Expressions for Area

* 1. Write a multiplication expression to represent the area of the shaded region.
	+ 
	1. What is the area of the shaded region?
	2. Write a multiplication expression to represent the area of the shaded region.
	+ 
	1. What is the area of the shaded region?



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