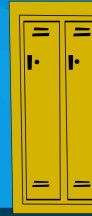
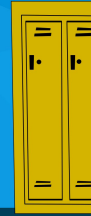


Guided Creation Groups



Alternate Outputs



Sentence Starters and Prompts



Differentiation

Challenge Extensions

Radius, Area, and Pi are in a discussion about who is most important when it comes to measuring the ferris wheel.

I measure from the center to the edge of the ferris wheel.

I calculate how big the entire ferris wheel is by using both radius and pi!

I'm the constant in this equation—3.14159 and always reliable!

Math Error Detective

5 x 12 = ?

Example

Using order of operations to solve the problem $3 + 2 \times 4$, I should go from left to right. So, $3 + 2$ is 5. Then, I multiply by 4. My answer is 20.

The answer is actually 11. That is a common mistake that is made. According to order of operations, you have to multiply first, and then you add. So, 2×4 is 8. Then, you add $3 + 8$, which equals 11.

Research

Demonstrates how comics can engage students in identifying and correcting errors, improving analytical skills.

Graham, S., Harris, K. R., & Santangelo, T. (2015). Research-based writing practices and the common core: Meta-analysis and meta-synthesis. *The Elementary School Journal*, 115(4), 498-522.

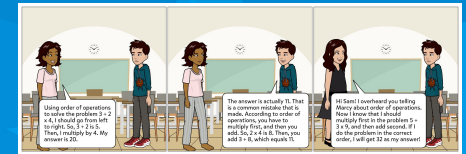
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PowerUp! Collaborative Comics

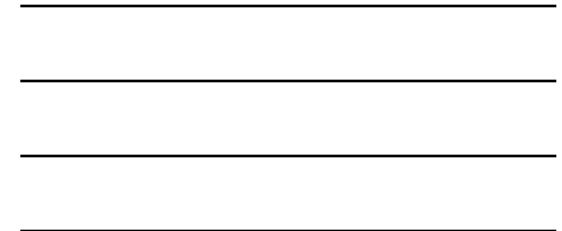
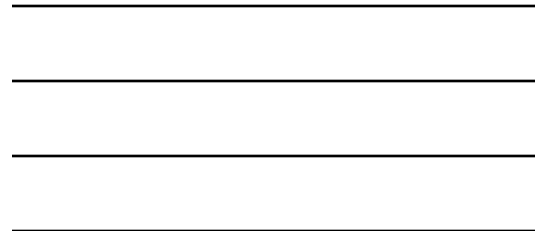
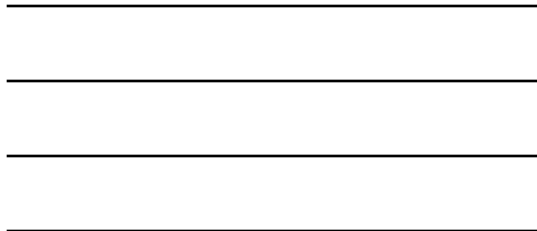


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PowerUp! Error Chain






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Recap

1. Math Vocabulary in Action
2. Math Error Detective
3. Alternate Solutions Pathways



A large blue graphic with a geometric pattern. On the left, the Pixton logo is displayed in white, followed by the text 'Thank You!' in a large, bold, white font. On the right, a group of eleven diverse cartoon characters, including a boy in a wheelchair, are standing together. In the bottom right corner, there is a small copyright notice: '© 2019 All rights reserved. Pixton.com'.



Pixton
Thank You!