



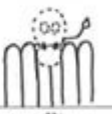




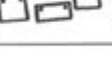




Facing Math Lesson 3 Answer Key

FACEing MATH® Name: _____

Lesson 3: Order of Operations

Directions: Solve each problem. Choose the correct answer.

<p>1. Which step comes first? $12 \div 3 \cdot (15 - 6) + 3$</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(a) If your answer is 15 - 6 draw the following face, eyes & mouth.</p> <p>(b) If your answer is 12 ÷ 3 draw the following face, eyes & mouth.</p> </div> <div style="width: 50%;">   </div> </div>	<p>2. What is the second step? $8 \cdot 5 + 14 \div 7 - 3$</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(a) If your answer is 8 · 5 draw the following hair & stripes.</p> <p>(b) If your answer is 14 ÷ 7 draw the following hair & stripes.</p> </div> <div style="width: 50%;">   </div> </div>	<p>3. Which step comes first? $2 + 10 \div 5 \cdot 3$</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(a) If your answer is 5 · 3 draw the following fence & tail.</p> <p>(b) If your answer is 10 ÷ 5 draw the following fence & tail.</p> </div> <div style="width: 50%;">   </div> </div>
<p>4. Solve. $8 + 7 \cdot 10$</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(a) If your answer is 78 draw the following sun in the top left corner.</p> <p>(b) If your answer is 150 draw the following sun in the top left corner.</p> </div> <div style="width: 50%;">   </div> </div>	<p>5. Solve. $10 \div 2 \cdot 5$</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(a) If your answer is 25 write the following problem in the sun & solve.</p> <p>(b) If your answer is 1 write the following problem in the sun & solve.</p> </div> <div style="width: 50%;"> <p>$2 + 3^2 \cdot 4$</p> <p>$5 + 3^2 \cdot 2$</p> </div> </div>	<p>6. Solve. $20 \div 4 + 2 \cdot 5$</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(a) If your answer is 35 draw the following 3 signs on the fence.</p> <p>(b) If your answer is 15 draw the following 3 signs on the fence.</p> </div> <div style="width: 50%;">   </div> </div>
<p>7. Solve. $18 \div 6 \cdot (4 - 3) + 6$</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(a) If your answer is 15 draw the following tree on the right side.</p> <p>(b) If your answer is 9 draw the following tree on the right side.</p> </div> <div style="width: 50%;">   </div> </div>	<p>8. True or False $30 \div 15 + 2 \cdot 3 = 8$</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(a) If your answer is True write the following on the signs.</p> <p>(b) If your answer is False write the following on the signs.</p> </div> <div style="width: 50%;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Always follow the order of operations!</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Do not feed the zebra.</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Parenthesis, Exponents, Multiplication, Division, Addition & Subtraction</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">PEMDAS rocks</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Please feed the zebra.</div> <div style="border: 1px solid black; padding: 5px;">I LOVE Math!</div> </div> </div>	
<p>9. True or False $2 + (24 \div 4) \cdot (3 - 1) = 14$</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(a) If your answer is True write the following vocabulary words in the box.</p> <p>(b) If your answer is False write the following vocabulary word in the box.</p> </div> <div style="width: 50%;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Order of Operations</div> <div style="border: 1px solid black; padding: 5px;">PEMDAS</div> </div> </div>		

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Facing Math Lesson 3 Answer Key is a valuable resource for students and educators alike, offering insights into problem-solving methods and the foundational concepts necessary for mastering mathematics. This article delves deep into the specifics of Lesson 3, providing an overview of its objectives, common challenges students face, and effective strategies for success. Whether you're a student looking for clarity on the lesson or a teacher seeking to enhance your instructional methods, this guide will serve as a comprehensive tool.

Understanding Facing Math

Facing Math is a comprehensive math program designed to engage students through collaborative learning and real-world applications. The program emphasizes problem-solving, critical thinking, and the development of a positive mathematical mindset. Each lesson builds upon previous

knowledge, gradually increasing in complexity and depth.

Objectives of Lesson 3

Lesson 3 typically focuses on specific mathematical concepts that align with the overall curriculum goals. The objectives may include:

1. Understanding Key Mathematical Concepts: Students will explore essential topics such as fractions, decimals, and the importance of numerical operations.
2. Developing Problem-Solving Skills: The lesson encourages students to apply mathematical concepts to real-life situations, enhancing their ability to think critically.
3. Collaboration and Communication: Through group activities, students learn to discuss their thought processes and solutions, fostering a collaborative learning environment.

Common Challenges in Lesson 3

While Facing Math is designed to be accessible, students may encounter several challenges during Lesson 3. Recognizing these hurdles can help educators and students address them effectively.

1. Misunderstanding Concepts

Students often struggle with the foundational concepts being introduced. For example:

- Difficulty grasping the relationship between fractions and decimals.
- Confusion over the order of operations in multi-step problems.

2. Anxiety Over Problem-Solving

Math anxiety is a common issue that can hinder students' performance. This anxiety may stem from:

- Fear of making mistakes.
- Pressure to perform well in a collaborative environment.

3. Inadequate Practice

Insufficient practice can lead to a lack of confidence. Students may find themselves:

- Struggling with homework assignments.
- Feeling unprepared for assessments.

Strategies for Success in Lesson 3

To overcome the challenges faced in Lesson 3, students and educators can utilize several effective strategies.

1. Reinforce Foundational Knowledge

Before diving into Lesson 3, ensure that students have a solid understanding of previous lessons. Techniques include:

- Review Sessions: Conduct brief reviews of key concepts from earlier lessons.
- Interactive Activities: Use games and visual aids to reinforce understanding.

2. Encourage Collaborative Learning

Collaboration can significantly enhance understanding and retention. Strategies include:

- Group Work: Organize students into small groups to tackle problems together, encouraging discussion and idea-sharing.
- Peer Teaching: Allow students to explain concepts to one another, which can help solidify their own understanding.

3. Utilize the Answer Key Effectively

The **Facing Math Lesson 3 Answer Key** is more than just a list of answers; it serves as a tool for learning. Here's how to use it effectively:

- Check Work: After completing assignments, students should compare their answers with the answer key to identify any mistakes.
- Understand Mistakes: Encourage students to analyze incorrect answers to understand where they went wrong and rectify their thought processes.
- Guided Practice: Teachers can use the answer key to facilitate guided practice sessions, where students work through problems with support.

Resources for Additional Practice

In addition to the Facing Math program, there are numerous resources available to help students reinforce their understanding of the concepts covered in Lesson 3.

1. Online Math Platforms

Several online platforms offer practice problems and interactive learning experiences. Some popular options include:

- Khan Academy: Provides instructional videos and practice exercises tailored to various mathematical concepts.
- IXL: Offers a comprehensive practice environment with personalized feedback.

2. Workbooks and Supplemental Materials

Consider using additional workbooks that align with the Facing Math curriculum. These resources can provide:

- Extra practice problems for homework.
- Alternative explanations of concepts for students who need a different perspective.

3. Math Tutoring Services

For students who continue to struggle, seeking external help can be beneficial. Options include:

- Tutoring Centers: Many communities offer math tutoring services for students needing extra assistance.
- Online Tutoring: Services like Chegg Tutors and Wyzant connect students with qualified tutors who can provide personalized support.

Conclusion

The **Facing Math Lesson 3 Answer Key** is an essential resource that can aid students in navigating the complexities of mathematics. By understanding the objectives of the lesson, recognizing common challenges, and employing effective strategies, students can enhance their mathematical skills and build confidence.

Educators play a crucial role in guiding students through this process, ensuring that they not only find the correct answers but also understand the underlying concepts. With the right tools and support, students can achieve success in mathematics and develop a lifelong appreciation for the subject.

Frequently Asked Questions

What is the primary focus of Lesson 3 in Facing Math?

Lesson 3 typically focuses on understanding and applying key mathematical concepts such as equations, functions, or graphing, depending on the curriculum structure.

Where can I find the answer key for Facing Math Lesson 3?

The answer key for Facing Math Lesson 3 can usually be found in teacher resources, educational websites, or by consulting your instructor if you are using the curriculum in a classroom setting.

Are there any online resources available for additional practice related to Facing Math Lesson 3?

Yes, there are several online platforms, such as educational websites and tutoring services, that offer additional practice problems and explanations related to the topics covered in Facing Math Lesson 3.

Can students access the Facing Math Lesson 3 answer key directly?

Typically, answer keys are not directly accessible to students to encourage independent learning; however, teachers may provide them upon request for study purposes.

What strategies can be used to effectively understand the material in Facing Math Lesson 3?

Effective strategies include practicing problems regularly, collaborating with classmates, utilizing online tutorials, and seeking help from teachers or tutors when concepts are unclear.

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