

Krabby Patty Decimals: Adding and Subtracting with Spongebob!

Materials Needed:

- Whiteboard or large paper
- Dry-erase markers or regular markers
- Paper and pencil for the student
- "Krabby Patty Price List" worksheet (Teacher-created: list items like Krabby Patty, Kelp Fries, Coral Bits with decimal prices like \$2.75, \$1.50, \$0.95)
- "Bikini Bottom Shopping Spree" worksheet (Teacher-created: word problems involving adding and subtracting the menu prices)
- Optional: Spongebob character figures or pictures
- Optional: Play money (dollars, dimes, pennies)

Lesson Procedure:

1. Introduction: Welcome to the Krusty Krab! (5 minutes)

- Engage the student: "Guess what? Today, we're heading underwater to Bikini Bottom! Mr. Krabs needs our help at the Krusty Krab with some money math. Are you ready?"
- Review Place Value: Briefly review tenths and hundredths using place value charts or visual aids. Connect pennies to hundredths (\$0.01) and dimes to tenths (\$0.10) of a dollar.

2. Activity 1: Krabby Patty Price Check (15 minutes)

- Introduce the "Krabby Patty Price List".
- "Spongebob needs to add up orders. Let's help him! If Patrick orders a Krabby Patty (\$2.75) and Kelp Fries (\$1.50), how much does it cost?"
- Model lining up the decimals vertically on the whiteboard. Emphasize adding digits in the same place value, starting from the right (hundredths).
- Work through 2-3 examples together, like Sandy ordering Coral Bits and a Krabby Patty.
- Have the student practice 2-3 addition problems independently using the price list. Use play money to visualize if helpful.

3. Activity 2: Giving Change with Squidward (15 minutes)

- "Oh no! Squidward needs to give change. Plankton paid \$5.00 for Kelp Fries (\$1.50). How much change does he get back?"
- Model lining up the decimals for subtraction. Emphasize borrowing if needed, just like with whole numbers. Remind the student to add a decimal and zeros (\$5.00) if subtracting from a whole dollar amount.
- Work through 2-3 examples together, like paying \$10.00 for a \$4.25 order.
- Have the student practice 2-3 subtraction problems independently.

4. Activity 3: Bikini Bottom Shopping Spree (15 minutes)

- Introduce the "Bikini Bottom Shopping Spree" worksheet with word problems.
- Read the problems aloud. Examples: "Spongebob bought ingredients costing \$12.45. He paid with a \$20.00 bill. How much change did he get?" or "Mrs. Puff bought a Krabby Patty (\$2.75) and two

Coral Bits (\$0.95 each). What was her total bill?"

- Guide the student in identifying whether to add or subtract and setting up the problems.
- Allow the student to work through the problems, offering support as needed.

5. Conclusion: You're a Krusty Krew Math Whiz! (5 minutes)

- Review the learning objectives. Ask the student: "What's the most important thing to remember when adding or subtracting decimals?" (Answer: Lining up the decimal points!)
- Praise the student's effort and success. Maybe offer a Spongebob-themed sticker or small reward.
- Optional Extension: Create more complex orders or multi-step problems.