



Treasure Hunting!

(Applying skills in order to convert fractions and decimals to one another)

Jason St John, ITI 695, Assignment 8
Omnidoc 3

Docking Station (Navigation Menu)

If you get lost at sea, click the ship to return to the dock.



Mixed Numbers

Review of prior
knowledge in place value



Mix and Match Game

Place value review
practice



Treasure Hunting

Introduction to tenths
place value



Final Pirate Battle

Introduction to
hundredths place value



Review

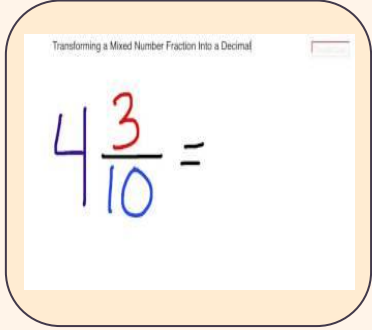
Introduction to decimals



Next Stop!

Converting Mixed Numbers

- Mixed numbers can be converted to decimals as well! For example, $1 \frac{3}{10}$ would convert to 1.3.
- Example 1: Convert 2 and $\frac{9}{10}$ to a decimal.
- Example 2: Convert 3.8 to a fraction.
- Click the pirates below for some additional practice.



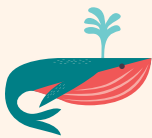
Transforming a Mixed Number Fraction into a Decimal

$$4 \frac{3}{10} =$$

Click above for a video explanation and below for some practice!



Next
Stop!



Mix and Match Game!

Now it's time for some practice!

- Click the to the right to access the game.
- Scroll down to the green box and start off with 12 tiles and click the easy level.
- Match the decimals with the correct fraction conversions!

Let's play!



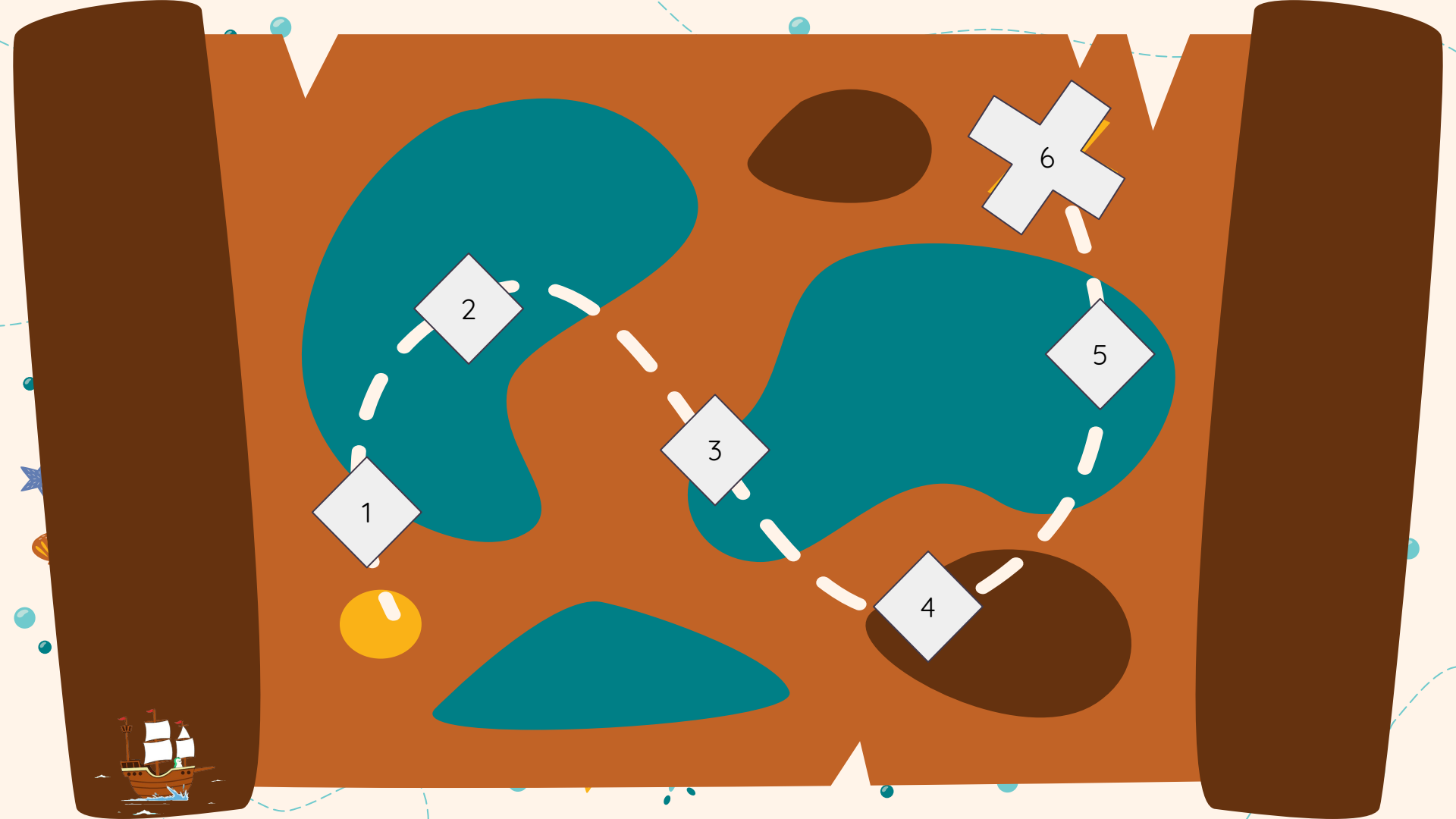
Next Stop!

Conversion Treasure Hunting

Watch the video on the right for instructions on how to play the treasure hunting game!



Next Stop!



Question Page 1

Convert 0.7 to a fraction

$70/100$

$7/100$

$7/10$

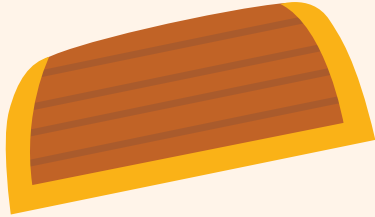
Incorrect Answer Page
Click the pirate penguin to try again!



Incorrect Answer Page



Correct Answer Page



Click me to return to the hunt
and move to the next
question!



Question Page 2

Convert $45/100$ to a decimal

0.45

4.5

.045

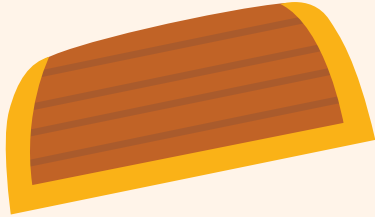
Incorrect Answer Page



Incorrect Answer Page



Correct Answer Page



Click me to return to the hunt
and move to the next
question!



Question Page 3

Convert 2.3 to a
mixed number

$23/10$

$2 \frac{3}{10}$

$2 \frac{3}{100}$

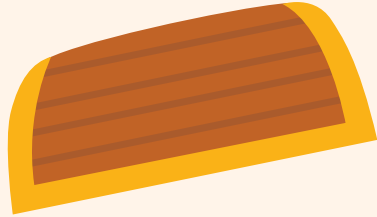
Incorrect Answer Page



Incorrect Answer Page



Correct Answer Page



Click me to return to the hunt
and move to the next
question!



Question Page 4

Convert $1 \frac{25}{100}$ to a decimal

12.5

.125

1.25

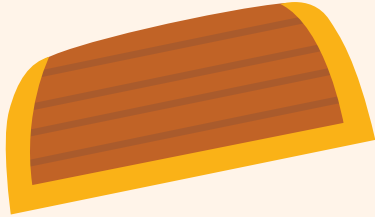
Incorrect Answer Page



Incorrect Answer Page



Correct Answer Page



Click me to return to the hunt
and move to the next
question!



Question Page 5

Convert 4.8 to a mixed number

2 $\frac{4}{10}$

4 $\frac{8}{10}$

4 $\frac{8}{100}$

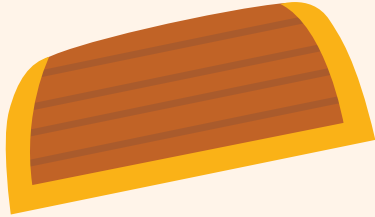
Incorrect Answer Page



Incorrect Answer Page



Correct Answer Page



Click me to return to the hunt
and move to the next
question!



Question Page 6

Convert $3 \frac{6}{10}$ to a decimal

3.6

3.06

.36

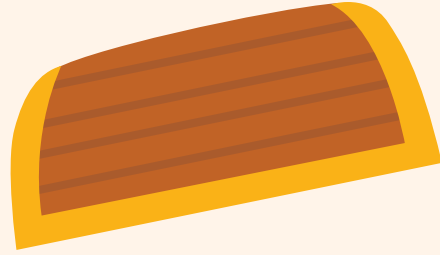
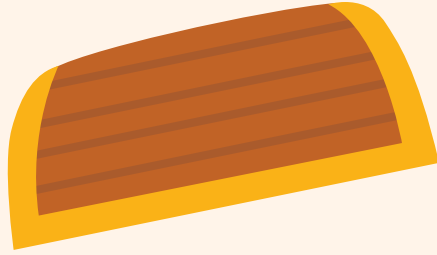
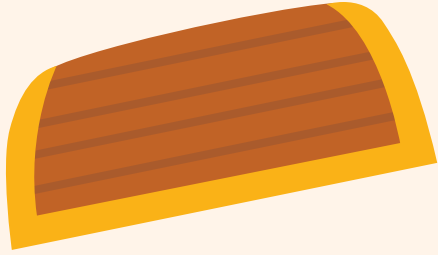
Incorrect Answer Page



Incorrect Answer Page



You found all the treasure!



Final Battle!

It's time for the final battle! Click on the evil pirate flag below to take down the enemy and secure the treasure!

Click over here!



Next Stop!





Review



Click on an image for review!

