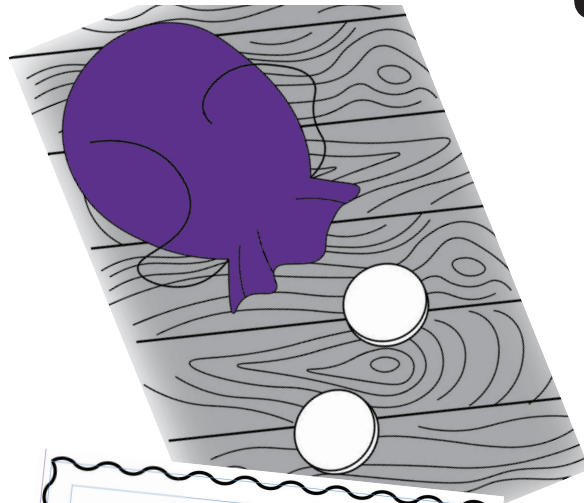


- Free during October
- Answer Key
- Twelve Task Cards
- Pirate Story Booklet

# Fraction Booklet and Task Cards



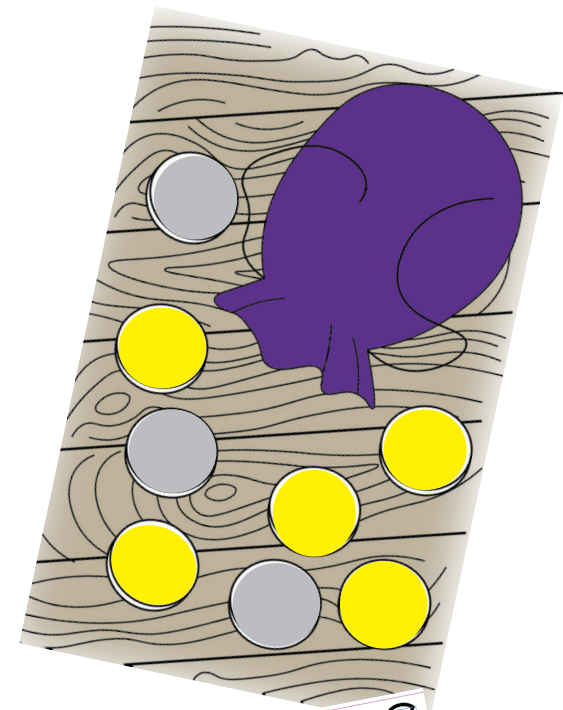
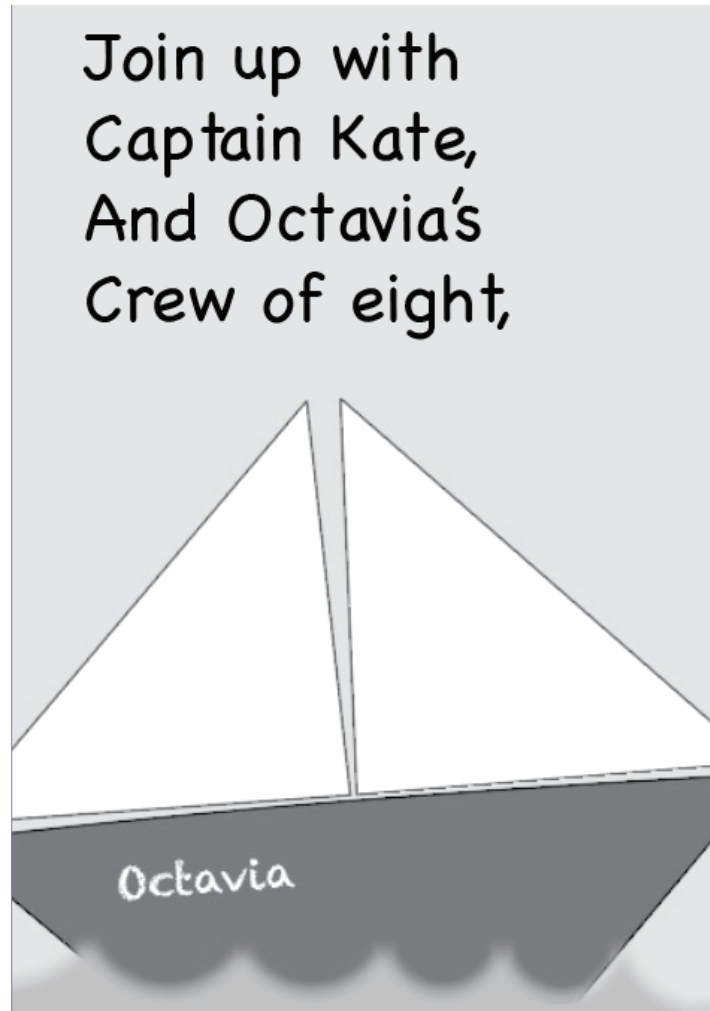
Six coins fell from John Long's pouch during the storm. He quickly scooped them up and put them back.

What fraction of John Long's coins fell out?

What fraction of John Long's coins stayed in the pouch during the storm?

Card 11

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After Captain Kate counted her coins, Tillerman poured his coins on the table. He had five gold, three silver, and no bronze coins.

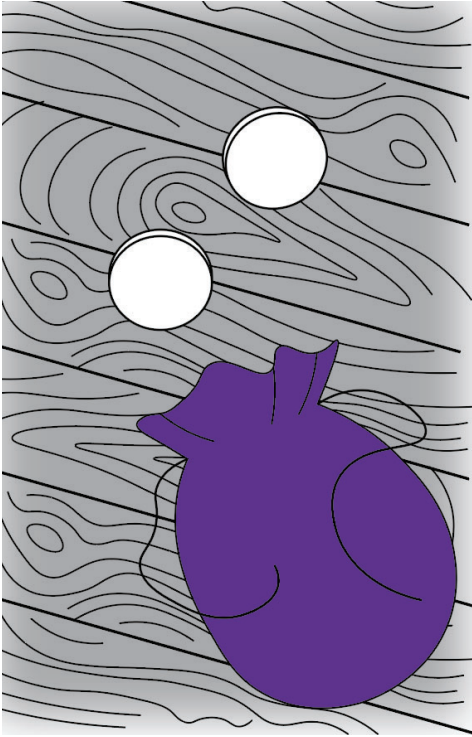
What fraction of Tillerman's coins were gold? Silver? Bronze?

Card 5

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Isabelle Hoag M. Ed.  
 Director of Education  
 UnCommon-Core.com

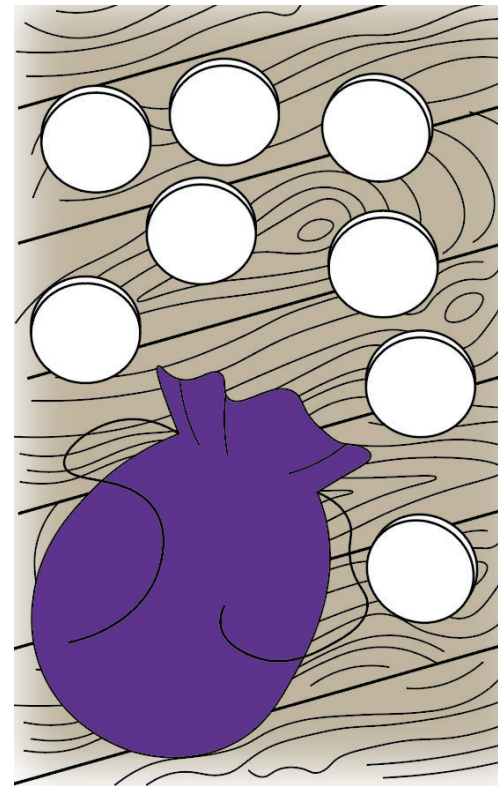


5

“Storms a brewing, Captain Kate,” said Tillerman, her first mate.

“All hands on deck,” yelled Captain Kate. Wind and rain tossed the Octavia for hours until it stopped.

Captain Kate saw two coins fall from her pouch during the storm. They fell onto the rain soaked deck. Captain Kate scooped up her coins and put them back in the bag of eight.



3

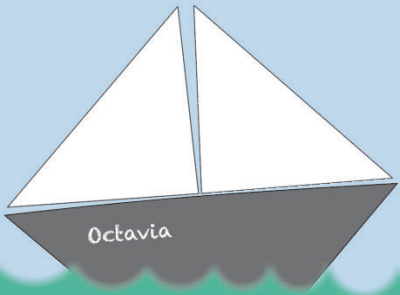
Captain Kate poured her coins onto the table after dinner.

She had eight solid gold coins in her pouch.

There weren't any bronze coins. There weren't any silver coins.

All eight of Captain Kate's coins were gold.

Join up with Captain Kate, And Octavia's Crew of eight,

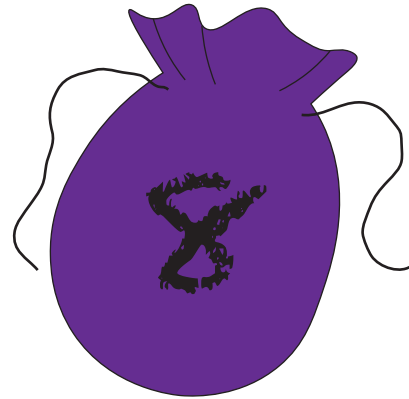


Octavia

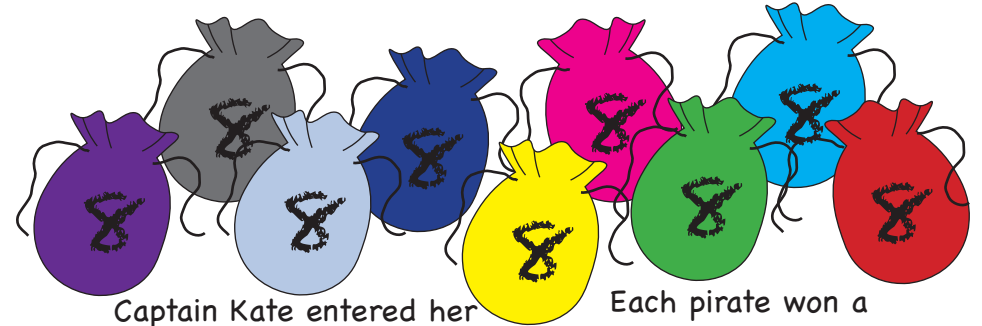
If you want, To navigate, To the treasure, They locate.

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## Race for the Gold!



a pirate story that sometimes rhymes



Captain Kate entered her boat in a race. The day was windy. The competition was fierce.

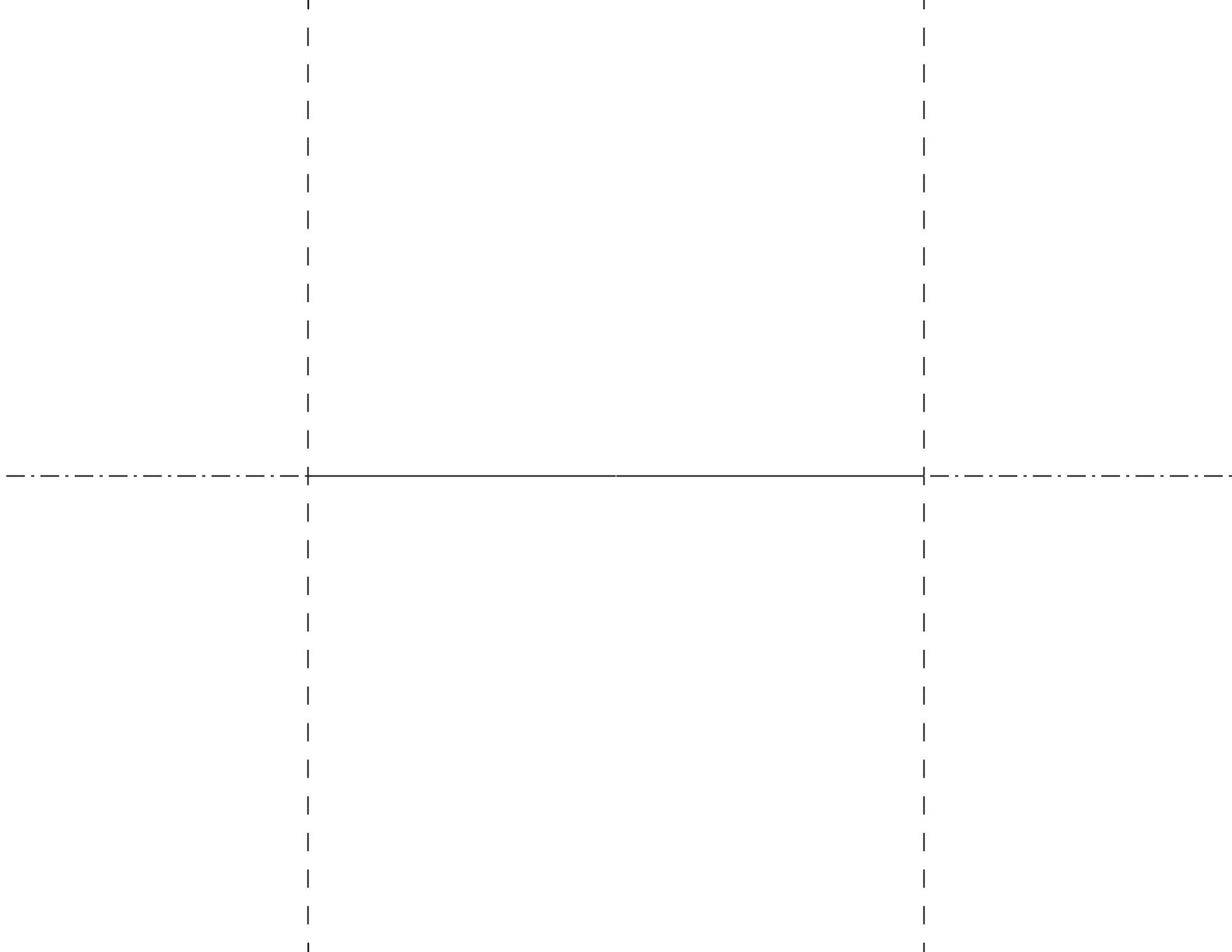
Each pirate won a heavy bag full of glittering coins! Gold! Silver! Bronze!

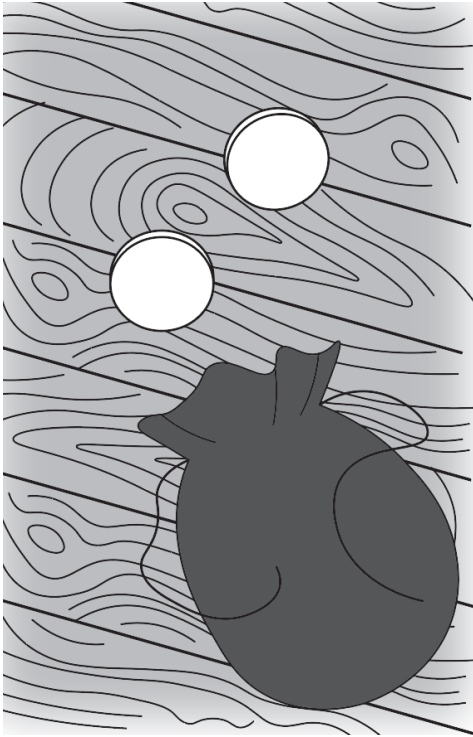
“Sail, me hearties,” yelled Captain Kate.

“I’ve got eight coins in my pouch,” said Tillerman.

Octavia was first!

“So do I,” said Captain Kate. Pirates fill bags in groups of eight.



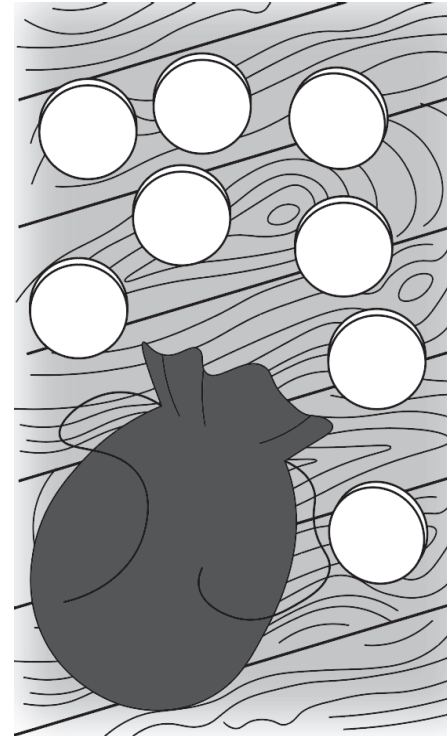


5

“Storms a brewing, Captain Kate,” said Tillerman, her first mate.

“All hands on deck,” yelled Captain Kate. Wind and rain tossed the Octavia for hours until it stopped.

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3

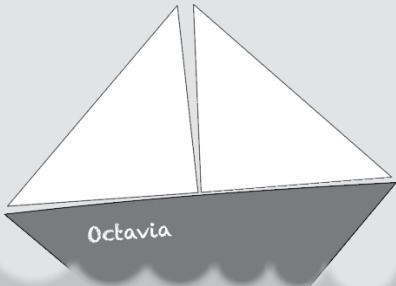
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She had eight solid gold coins in her pouch.

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Join up with Captain Kate, And Octavia's Crew of eight,

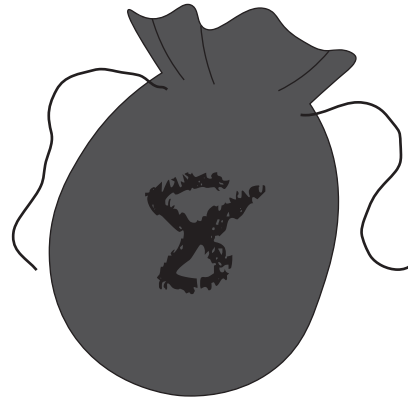


Octavia

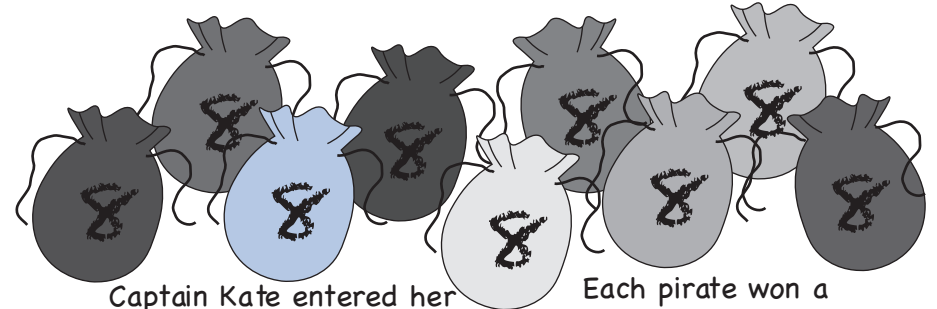
If you want, To navigate, To the treasure, They locate.

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## Race for the Gold!



a pirate story that rhymes when it wants to



Captain Kate entered her boat in a race. The day was windy. The competition was fierce.

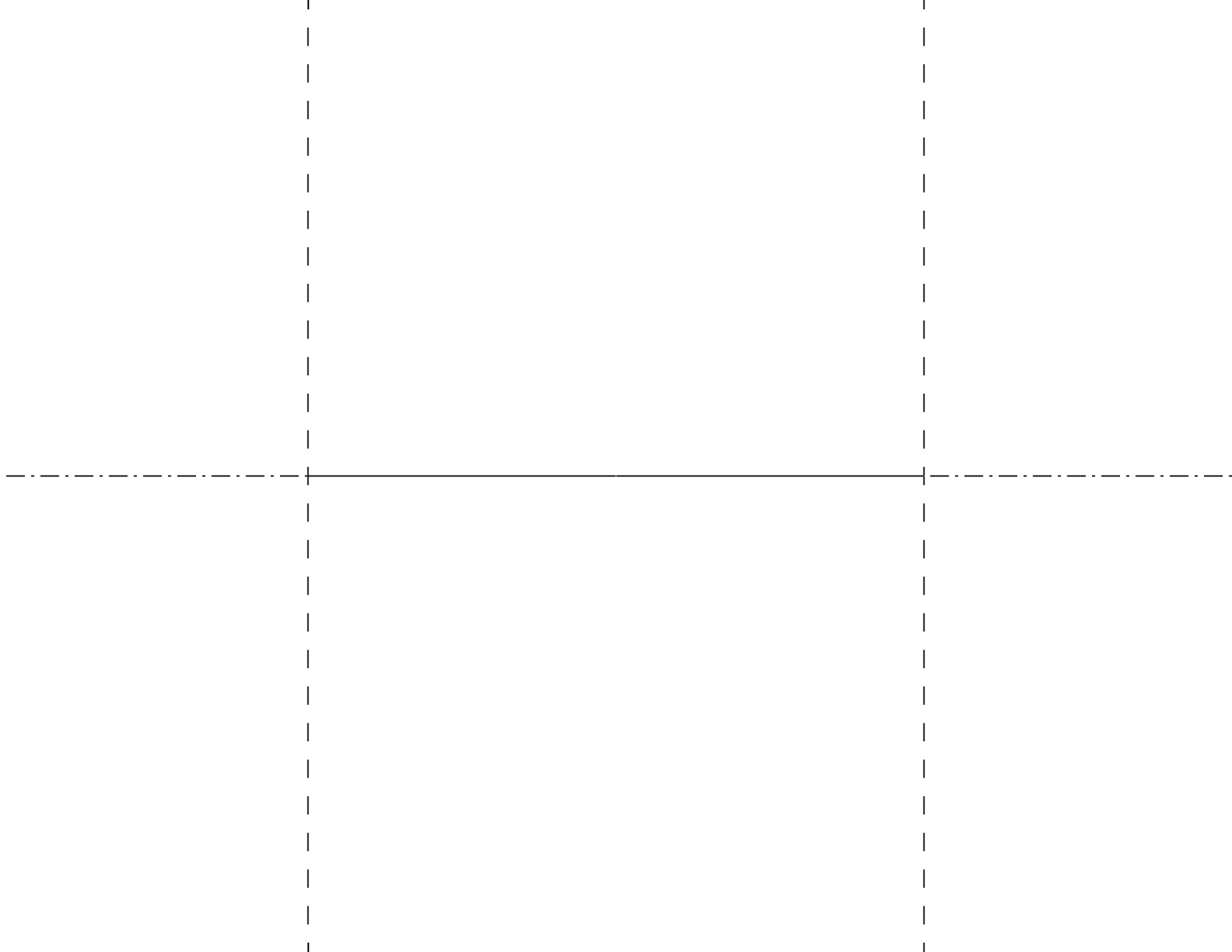
“Sail, me hearties,” yelled Captain Kate.

Octavia was first!

Each pirate won a heavy bag full of glittering coins! Gold! Silver! Bronze!

“I've got eight coins in my pouch,” said Tillerman.

“So do I,” said Captain Kate. Pirates fill bags in groups of eight.



When the Octavia won a sailboat race, Captain Kate and her crew of eight each won a bag of coins. There were eight coins in each of the nine bags.

**How many coins did they win?**

Card 1

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In total, there were 72 coins in the prize. First mate Tillerman had 8 of those coins.

**What fraction of the coins did Tillerman have?**

Card 2

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What if Captain Kate took 16 out of the 72 coins and the crew equally shared the rest?

**How many coins would each crew person get then?**

Card 3

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The Octavia won 72 coins in a race. Captain Kate, Tillerman, John Long, Booker, Cookie, Docker, Lookout, Sharkie, and Skelper were in the crew. Each person got the same number of coins. Each got a bag to hold their coins.

**How many coins did each person get?**

**How many bags did they need?**

Card 4

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After Captain Kate counted her coins, Tillerman poured his coins on the table. He had five gold, three silver, and no bronze coins.

**What fraction of Tillerman's coins were gold? Silver? Bronze?**

Card 5

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Booker emptied their bag of coins on the table. There were five gold, one silver, and two bronze coins.

**What fraction of Booker's coins were gold? Silver? Bronze?**

Card 6

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Cookie emptied their bag of coins on the table. There were four gold, two silver, and two bronze coins.

**What fraction of Cookie's coins were gold? Silver? Bronze?**

Card 7

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Sharkie emptied their bag of coins on the table. There were no gold, one silver, and seven bronze coins.

**What fraction of Sharkie's coins were gold? Silver? Bronze?**

Card 8

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Five coins fell from Lookout's pouch during the storm. Lookout quickly scooped them up and put them back.

**What fraction of the coins fell out of Lookout's pouch in the storm?**

**What fraction of Lookout's coins stayed in the pouch during the storm?**

Card 9

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One coin fell from Skelper's bag during the storm. Skelper quickly scooped it up and put them back.

**What fraction of Skelper's coins fell out?**

**What fraction of Skelper's coins stayed in the bag during the storm?**

Card 10

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Six coins fell from John Long's pouch during the storm. He quickly scooped them up and put them back.

**What fraction of John Long's coins fell out?**

**What fraction of John Long's coins stayed in the pouch during the storm?**

Card 11

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Eight coins fell from Cookie's pouch during the storm. Cookie quickly scooped them up and put them back.

**What fraction of Cookie's coins fell out during the storm?**

**What fraction of Cookie's coins stayed in the pouch during the storm?**

Card 12

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## Answer Key

Card 1.

8 coins in each of 9 bags is 72 coins  
 $8 \times 9 = 72$

Card 2.

Tillerman had 8 of the 72 coins which is  
 $\frac{8}{72}$ nds or  $\frac{1}{9}$  of the coins

Card 3.

$72 - 16 = 56$     $56 \div 8 = 7$   
each of the crew would have 7 coins

Card 4.

72 coins divided among 9 people would be  
8 coins for each person, 9 bags total

Card 5.

$\frac{5}{8}$  gold,  $\frac{3}{8}$  silver,  $\frac{0}{8}$  bronze

Card 6.

$\frac{5}{8}$  gold,  $\frac{1}{8}$  silver,  $\frac{2}{8}$  ( $\frac{1}{4}$ ) bronze

Card 7.

$\frac{4}{8}$  ( $\frac{1}{2}$ ) gold,  $\frac{2}{8}$  ( $\frac{1}{4}$ ) silver,  $\frac{2}{8}$  ( $\frac{1}{4}$ ) bronze

Card 8.

$\frac{0}{8}$  gold,  $\frac{1}{8}$  silver,  $\frac{7}{8}$  bronze

Card 9.

$\frac{5}{8}$  fell out,  $\frac{3}{8}$  stayed in

Card 10.

$\frac{1}{8}$  fell out,  $\frac{7}{8}$  stayed in

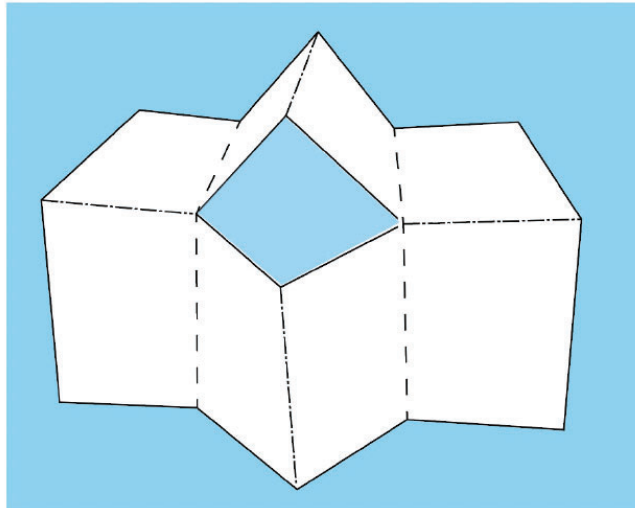
Card 11.

$\frac{6}{8}$  ( $\frac{3}{4}$ ) fell out,  $\frac{2}{8}$  ( $\frac{1}{4}$ ) stayed in

Card 12.

$\frac{8}{8}$  all eight fell out,  
 $\frac{0}{8}$  none stayed in

# How to Make the Booklet



First, fold a piece of printer paper in half each way. Then carefully fold the edges to the middle following the guidelines to the right.

Snip along the solid line to make a slit down the middle of the paper. The dashed lines are valley folds and the dash dot lines are mountain folds.

When you are done, you can arrange the paper to look like a booklet.

