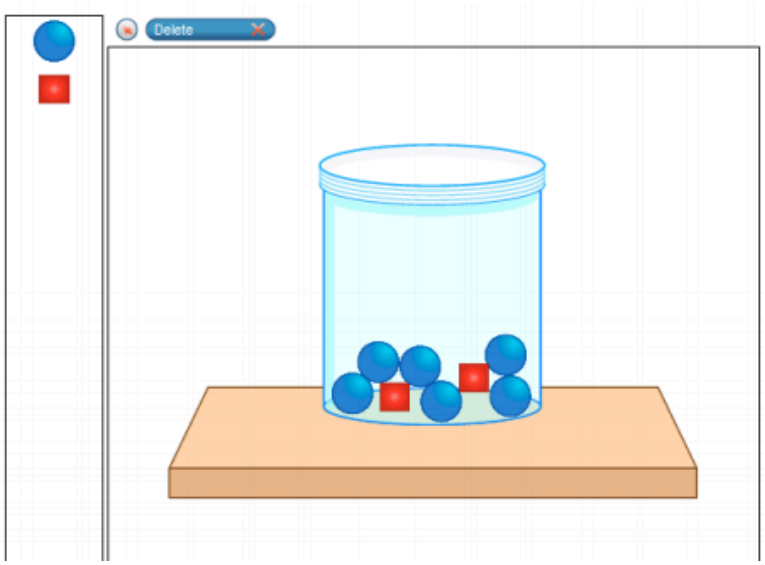
6.RP.1 - Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities. For example, "The ratio of wings to beaks in the bird house at the zoo was 2:1, because for every 2 wings there was 1 beak." "For every vote candidate A received, candidate C received nearly three votes."

OH.PT.Q7	Page(s) 56-63	DOK: Level

Charissa has rectangular and circular candies in a jar as shown.

Place additional candies in the jar so that the ratio of circular candies to total candies is 7:12.



OH.PT.Q26	Page(s) 197-204	DOK: Level

A group of students plays sports after school.

- 12 students play soccer.
- 8 students play tennis.

Complete the sentence to describe a correct ratio.

The ratio of students who play soccer to _____ is _____

OH.2016.Q3	Page(s) 21 - 24	DOK: Level

Casey has a total of 18 pens. Twelve of these pens are blue, and the rest are red.

What is the ratio of blue pens to red pens?

(A) 1:2

(B) 2:1

(C) 2:3

(D) 3:2

OH.2016.Q6	Page(s) 37-40	DOK: Level

Eli ran for two weeks. During the first week, Eli ran 12 miles. During the next week, he ran 15 miles.

What is the ratio of the number of miles Eli ran in the first week to the total number of miles he ran in both weeks?

(A) 12:15

(B) 12:27

(C) 15:27

(D) 15:12

OH.2017.Q2	Page(s) 23-26	DOK: Level

Hannah planted flowers next to the school playground. She planted 2 daisies, 3 sunflowers and 4 tulips.

What is the ratio of the number of daisies she planted to the total number of flowers she planted?

(A) 2:3

(B) 2:4

(C) 2:7

(D) 2:9

OH.2018.Q16	Page(s) 61-64	DOK: Level

Jason makes a fruit salad using only strawberries and blueberries.

The ratio of strawberries to blueberries in Jason's fruit salad is 4 cups to 5 cups.

Which statement describes the contents of Jason's fruit salad?

(A) Strawberries make up $\frac{4}{5}$ of the fruit salad.

(B) Blueberries make up $\frac{5}{9}$ of the fruit salad.

(C) There are 5 strawberries for every 4 blueberries.

(D) There is always 1 more cup of blueberries than strawberries.

OH.2019.Q21	Page(s) 63 - 70	DOK: Level 2

Farrah has 150 dimes, 250 nickels, and 400 pennies.

Complete the table to show the ratio of the number of pennies to the total number of coins.

	:	

OH.2022.Q25	Page(s) 69-83	DOK: Level 2

The table shows the types of books a sample group of sixth- and seventh-graders prefer to read.

Preferred Type of Book	Sixth-Graders	Seventh-Graders
Nonfiction	9	10
Fiction	12	13
Biography	11	7

Enter a number into each blank box to complete the statements.

The ratio of sixth-graders who prefer to read nonfiction to seventh-graders who prefer to read nonfiction is ☐ : ☐.

The ratio of seventh-graders who prefer to read biographies to all seventh-graders is ☐ : ☐.

OH.2023.Q52	Page(s) 149-151	DOK: Level 1

Casey makes bags of trail mix using almonds and raisins. For every 4 ounces of raisins there are 7 ounces of almonds in each bag of trail mix.

What is the ratio of ounces of raisins to ounces of almonds in each bag of trail mix?

Ⓐ 4 : 7

Ⓑ 7 : 4

Ⓒ 4 : 11

Ⓓ 7 : 11

OH.2024.Q25	Page(s) 53-55	DOK: Level 1

Paul has a case with red and blue pens. He has 15 red pens and a total of 28 pens.

What is the ratio of the red pens to blue pens in Paul's case?

(A) 13:15

(B) 13:28

(C) 15:13

(D) 15:28

OH.2025.Q11	Page(s) 41-48	DOK: Level 2

A store makes fruit baskets that each have 20 pieces of fruit. First they put six oranges in each basket. The remaining pieces of fruit are an equal number of apples and bananas.

What is the ratio of oranges to apples?

____ : ____

	Page(s)	DOK: Level