

Math 6 Remote Learning Lesson 7 - Using Ratios

Example



7 : 5 and 5 : 7 are called **ratios**. 5 and 7 are the **terms** of these ratios.

The ratio of the number of apples to the number of pears is 7 : 5.

The ratio of the number of pears to the number of apples is 5 : 7.

Write each ratio in simplest form.

6. 54 : 96 _____

7. 8 yards : 40 feet _____

8. 4 gallons : 20 pints _____

9. 42 ounces : 5 pounds _____

The ratio of the length to the height of the American flag is 3 : 2.

a) Complete the table.

Length (inches)	3		60		96
Height (inches)	2	24		52	

b) If the length of the American flag is 1.8 yards, find the height.

Find the missing term in the pair of equivalent ratios $6 : 5 = 24 : \underline{\quad}$. Should you use multiplication or division? Explain.