Ratio Tables

You must earn 6 points!

Find the missing value in the ratio table. Then write the equivalent ratios.

1

point

1.

Cars	3	6
Trucks	5	

2.

TVs	2	
Computers	7	21

3.

Flutes	10	5	
Clarinets	8		16

Complete the ratio table to solve the problem.

4. For every 2 cars you wash your friend washes 3 cars. You wash a total of 8 cars. How many does your friend wash?

You	2			8
Friend	3			

5. Your closet has 5 shirts for every 2 sweaters. Your closet has 30 shirts. How many sweaters are in your closet?

Shirts	5	10		30
Sweaters	2		10	

6. When you purchase 40 songs, you get 24 free song dowloads. How many songs must you purchase in order to get 18 free song downloads?

Purchase	40		
Free	24		18

2

points

Solve each word problem.

7. You baked 42 chocolate cupcakes and 28 red velvet cupcakes. You package them in boxes that have the same ratio of chocolate to red velvet as the total cupcakes. How many red velvet cupcakes are in a box that has 24 chocolate cupcakes?

Chocolate	42		24
Red Velvet	28		

8. You are making a salad. The ratio of olives to croutons is 5 : 3. You put 12 croutons in your salad. How many olives do you put in your salad?

Describe and correct the error in making the ratio table.

9.

A	64	56	48
B	32	24	16

A			
B			

10. An amusement park sells 5 bottles of water for every 2 bottles of juice. In one hour, the amusement park sells 20 bottles of water. How many bottles of juice does the amusement park sell?

Water	5	20
Juice	2	

Reflecting Back
You must complete ALL 6 problems!

1. **Divide. Write your answer in simplest form.**

$$3\frac{1}{2} \div 2\frac{1}{4}$$

2. **Divide.**

$$5.6\overline{)16.8}$$
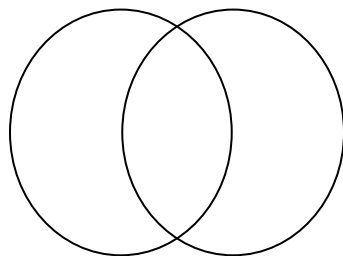
3. **Write the prime factorization of the number.**

50

4. **Compare: Use <, >, =**

$$-\frac{3}{4} \quad \boxed{} \quad -\frac{1}{4}$$

5. **Find the Greatest Common Factor (GCF) & the Least Common Multiple (LCM).**

9 and 30

6. **Evaluate the expression.** $13 + \left(38 - 6^2\right) \bullet 3$