



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



Sub: Arithmetic
Duration: 40 Min

Class: 7
Worksheet 50

Date: 06.07.20
Full Marks: 15

Ratio and Proportion

Choose the correct options:

- Patrick has 2 black, 3 red, and 5 white toy cars. What is the ratio of red toy cars to all the toy cars?
 - 3:5
 - 1:3
 - 3:11
 - 3:10
- Tommy has a bag of LEGOS. There are 6 yellow, 3 red, and 8 blue LEGOS. What is the ratio in simplest form of red to yellow LEGOS?
 - 1/2
 - 6/3
 - 2/1
 - 3/6
- I paid \$15.00 for 6 gallons of gasoline. What was the price PER gallon?
 - \$0.40
 - \$9.00
 - \$2.50
 - \$0.90
- If Justin can type 408 words in 4 minutes, how many words can he type per minute?
 - 102 words per minute
 - 100 words per minute
 - 400 words per minute
 - 412 words per minute
- Ella has 5 balloons. Taylor has 7 balloons. Write the ratio of Ella's balloons to Taylor's balloons.
 - 7:5
 - 5:7
 - 3:5
 - 5:3
- Which one is a real life example of a RATIO?
 - 12 noodle
 - 4 meatballs : 1 cup of sauce
 - 1 jar of sauce
 - 15 desserts
- What is an equivalent ratio to 3/4?
 - 1/4
 - 4/5
 - 12/16
 - 14/18
- What is the simplest form of 8/16?
 - 1.2
 - 1/2
 - 2/1
 - 1/0.2
- In my fish tank, the ratio of red fish to blue fish is 3:5. There are 20 blue fish. How many red fish are there?
 - 10
 - 12
 - 15
 - 18

10. In two boats there are 108 people. How many people are there in each boat?
- (a) 216
 - (b) 108
 - (c) 162
 - (d) 54
11. Who walks at a faster rate: someone who walks 60 feet in 10 seconds or someone who walks 42 feet in 6 seconds?
- (a) Someone who walks 60 feet in 10 seconds
 - (b) Someone who walks 42 feet in 6 seconds
 - (c) They walk at the same rate
 - (d) They have broken legs
12. A sixth-grade math teacher can grade 25 homework assignments in 20 minutes. Is he working at a faster rate or slower rate than grading 36 homework assignments in 30 minutes?
- (a) Slower rate
 - (b) Faster rate
 - (c) He didn't grade them
 - (d) Everyone got 100
13. You own a restaurant. You want to do some advertising, so you hire 2 students to deliver takeout menus around town. One student, Darla, delivers 350 menus in 2 hours, and another student, Drew, delivers 510 menus in 3 hours. You promise a \$10 bonus to the fastest worker since time is money in the restaurant business. Who gets the bonus?
- (a) Drew delivers menus at a faster rate
 - (b) Darla delivers menus at a faster rate
 - (c) They deliver at the same rate
 - (d) They both just ate food
14. Crayola crayons \$6.97 for 120
or
Rose Art crayons \$1.53 for 24
Finding the unit price of each and choose the better deal.
- (a) Crayola
 - (b) Rose Art
 - (c) Both are equal
 - (d) Can't say
15. Jim pays \$22.10 for 2.6 pounds of salmon. What is the price per pound of the salmon?
- (a) \$57.46
 - (b) \$8.50
 - (c) \$19.50
 - (d) \$24.70