

Table of Equivalent Ratios Worksheet

James is setting up a fish tank. He is buying a breed of goldfish that typically grows to be 12 inches long. It is recommended that there be 1 gallon of water for every inch of fish length in the tank. What is the recommended ratio of gallons of water per fully-grown goldfish in the tank?

Complete the ratio table to help answer the following questions:

Number of Fish	Gallons of Water

- What size tank (in gallons) is needed for James to have 5 full-grown goldfish?
- How many fully-grown goldfish can go in a 40-gallon tank?
- What can you say about the values of the ratios in the table?

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Complete the ratio table to help answer the following questions:

Number of Fish	Gallons of Water
1	12
2	24
3	36
4	48
5	60

- a. What size tank (in gallons) is needed for James to have 5 full-grown goldfish?

James needs a tank that holds 60 gallons of water in order to have 5 full-grown goldfish.

- b. How many full-grown goldfish can go in a 40-gallon tank?

3 full-grown goldfish can go in a 40-gallon tank.

- c. What can you say about the values of the ratios in the table?

The values of the ratios are equivalent.