Name: _____   Date: _____

Rates & Ratios Review – Grade 6

This review is designed to help you practise the **thinking** you will need for the summative assessment.

The questions are **not the same as the test**, but they focus on the **same ideas and skills**.

Take your time, show your thinking, and use representations (tables, drawings, number lines, or words) when they help you.

Part A – Understanding Ratios

A pet shelter has **8 cats and 12 dogs**.

a) Write the ratio of cats to dogs.

b) Explain what this ratio means **in words**.

c) Describe a *different situation* that would have the **same ratio**.

Part B – Proportional Reasoning

A smoothie recipe uses **3 scoops of fruit for every 2 cups of yogurt**.

Show **two different ways** to make the same recipe using more ingredients.

Explain how you know the recipe stayed the same. You may use numbers, a table, drawings, words

Part C – Unit Rates

A bus travels **150 km in 3 hours**.

Find the **unit rate**.

Explain how this rate can be used **in real life**.

Write **one question** that could be answered using this unit rate.

Part D – Making Decisions With Rates

Two phone plans are being compared:

- **Plan A:** $45 for 3 months
- **Plan B:** $18 per month

Find the **monthly cost** of Plan A.

Decide which plan is the **better deal**.

Explain your thinking using math.

Reflection

Which part of rates and ratios do you feel **most confident** about?

Which part do you still need to practice?

Helpful Reminders

- A **ratio** compares two quantities.
- A **rate** compares quantities with different units.
- A **unit rate** tells you the amount for **1 unit**.
- Clear explanations are just as important as correct calculations.