

6th Grade
2.4 Use Ratio and Rate
*No Ratio Tables

- 1) The currency in Croatia is the Kuna. The exchange rate is approximately 6 Kuna for \$1. At this rate, how many dollars would you get if you exchanged 18 Kuna?

$$\frac{6 \text{ Kuna}}{\$1} = \frac{18 \text{ Kuna}}{\$?} \quad \boxed{\$3}$$

- 2) The currency in Western Samoa is the Tala. The exchange rate is approximately \$1 to 3 Tala. At this rate, how many dollars would you get if you exchanged 12 Tala?

$$\frac{\$1}{3 \text{ Tala}} = \frac{\$4}{12 \text{ Tala}}$$

- 3) A triangle is 6 in wide and 9 in tall. If it is reduced to a height of 3 in then how wide will it be?

$$\frac{6 \text{ in } w}{9 \text{ in } T} = \frac{2 \text{ in } w}{3 \text{ in } T}$$

- 4) If you can buy one cantaloupe for \$2 then how many can you buy with \$12?

$$\frac{1 \text{ cant.}}{\$2} = \frac{6 \text{ cantaloupes}}{\$12}$$

- 5) One package of blueberries costs \$3. How many packages of blueberries can you buy for \$12?

$$\frac{1 \text{ pk of BB}}{\$3} = \frac{4 \text{ packages of blueberries}}{\$12}$$

- 6) A photo is 10 in tall and 15 in wide. If it is reduced to a height of 2 in then how wide will it be?

$$\frac{10 \text{ in } T}{15 \text{ in } W} = \frac{2 \text{ in } T}{3 \text{ in } W}$$

- 7) Asanji bought three advocados for \$4. How many advocados can Ming buy if she has \$12?

$$\frac{3 \text{ Adv.} \cdot 3}{\$4} = \frac{9 \text{ Advocados}}{\$12}$$

- 8) Seven red potatoes cost \$3. How many red potatoes can you buy for \$6?

$$\frac{7 \text{ RP} \cdot 2}{\$3} = \frac{14 \text{ red potatoes}}{\$6}$$

- 9) Jaidee enlarged the size of a rectangle to a width of 9 in. What is the new height if it was originally 4 in tall and 3 in wide?

$$\frac{4 \text{ in T} \cdot 3}{3 \text{ in W}} = \frac{12 \text{ in}}{9 \text{ in}}$$

- 10) If you can buy nine bunches of seedless black grapes for \$21 then how many can you buy with \$7?

$$\frac{9 \text{ bunches} \cdot 3}{\$21} = \frac{3 \text{ bunches of grapes}}{\$7}$$

Homework