

Grade 8 Workbook Answers

Unit 5.9

Practice Section

1. a) 4km/h
b) 3 books/week
c) 25 drops/min

2. a) 75km/h
b) 60km/h
c) 4 km/h

3. a) Rate \$10.89/kg
b) Ratio 3:7
c) Rate 103.3 km/h
d) Ratio 5:4:6
e) Rate 3.29 points/game

4. a) \$5/h
b) $\$5/h \times 5 h = \25
c) $\$50 \div \$5/h = 10$ hours

5. a) 75 km
b) 75 km/h

6. a) $\$3.95 \div 5 = \$0.79/\text{bar}$

$$\$15.00 \div \$0.79 = 15.19 \quad 15 \text{ bars}$$

7. a) $\$5000 \text{ US} \times \frac{\$1.05 \text{ CAN}}{\$1.00 \text{ US}} = \$5\,250 \text{ Canadian}$

b) $\$504.90 \div 3 = \$168.30/\text{day}$

c) $\$39.95 \div \$1.05 \text{ (US Rate)} = \38.05 US