

**GRADE 10 ESSENTIAL  
QUIZ WEEK 4 - 221201**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Weekly quiz.**

**Closed book.** Use your cheat sheet (use mine for now if necessary)

**Conversion Tables.** Always allowed the conversion tables

**Round** all decimal answers to the nearest 0.01 unless otherwise indicated

Each individual question is worth two marks

**Show work.**

1. Solve for x:

a.  $\frac{5}{12} = \frac{x}{20}$

b.  $\frac{8}{12} = \frac{30}{x}$

2. If 5 bananas cost \$12.00, determine how many bananas you can buy for \$20.00

3. Convert the units of measure as indicated (use either method)

a. 8.3 km = \_\_\_\_\_ mi

b. 44 lb = \_\_\_\_\_ kg

4. Convert as indicated

a. 58 inches = \_\_\_\_\_ ft \_\_\_\_\_ in

b. 15 yards = \_\_\_\_\_ ft

c. 58 in = \_\_\_\_\_ m

5. Add or subtract as indicated:

a. 
$$\begin{array}{r} 4 \text{ ft } 8 \text{ in} \\ + 2 \text{ ft } 10 \text{ in} \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 9 \text{ lb } 3 \text{ oz} \\ - 3 \text{ lb } 8 \text{ oz} \\ \hline \end{array}$$

c. 3 hr 52 min + 1 hr 13 min =

6. Jason comes to work at 08:45 and leaves at 17:00. He gets a 45 min lunch break. Determine the amount of time for which he gets paid.

7. Destiny gets paid \$16.25 per hour. She gets overtime pay (O/T) after **40 hours in any week**. Overtime pay is 'time and a half'. Calculate Destiny's **Gross** pay for the week. Her work schedule hours this week are as follows:

Mon	Tues	Wed	Thur	Fri	Sat	Sun
8	10	8	7	11	3	0

8. Mike Miser is saving up for a new game. He saves \$2 the first week. Each week after that he saves twice as much as he saved the week before. If this pattern continues, how much will he have saved in 6 weeks?

**BONUS QUESTIONS** (extra marks if you need them)

9. MrF sends a student to Timmies with \$50 to buy some donuts. He wants 30 donuts, but he wants only chocolate or maple. Chocolate donuts cost \$2 each and maple cost \$3 each. How many of each donut will the student get if she spends the entire \$50.

10. Your final exam is six weeks away! Calculate how many seconds remain until your final exam.