GRADE 10 Essential
WEEK 5 QUICK REVIEW

Name:_____
Date: _____

Just a quick review, selected questions from other quizzes, worksheets, etc.
Should take max 40 mins
You are always given conversions, formulae..
You are expected to have your own cheat sheet too

PART 1 - MULTIPLE CHOICE

Circle the letter of the best or closest answer.
Guess if necessary
Each question is worth two marks.
(Be strategic! Eliminate the bad answer(s), back-solve (guess and check) the reasonable answers, use common sense, ….)

1. The Canada Pension Plan (**CPP**):

   a. is a contributory plan to which workers pay a portion of their employment income;

   b. is a defined benefit financial plan that lets you relax in luxury when you retire;

   c. is a voluntary plan that can be declined using a T7B tax form;

   d. has been enjoyed by our progressive society for almost 100 years now.

2. An example of a deduction from employment income is:

    a. CPP benefit

    b. CCB (Canada Child Care benefit)

    c. gratuities and commissions

    d. EI contributions

3. If Jayson goes to work at 09:15 and leaves work at 15:00 and has an unpaid 30 minute lunch break; for what duration of time does he get paid?

    a. 8 hours   **b.** 5 hours 15 minutes

    c. 15 hours   **d.** 6 hours 45 minutes

4. 3700 grams is equivalent to_____ kg

    a. 3.7 kg   b. 37 kg   c. 3.7 mg   d. 0.0037 kg

5. Which of one these is NOT a possible pay deduction?

    a. Canada Pension Plan (CPP) contributions

    b. Canada Child Benefit (CCB)

    c. Employment Insurance (EI) contributions

    d. Charity contributions

6. 1.7 metres is the equivalent of:

    a. 170 cm   **b.** 170 mm   **c.** 5.18 ft   **d.** 55.76 ft

7. A handful of grapes might weigh:
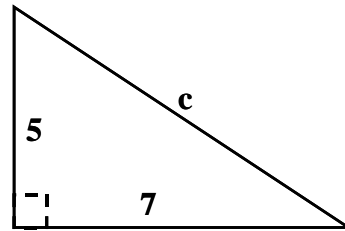
    a. $1.25   **b.** 10 grams

    c. 12 litres   **d.** ¾ths of a Bohemian gronk

8. $1\frac{1}{4} + 2\frac{3}{8} =$

    a. 4.75   b. $3\frac{5}{8}$ c. $3\frac{4}{12}$ d. $3\frac{1}{3}$ when properly reduced
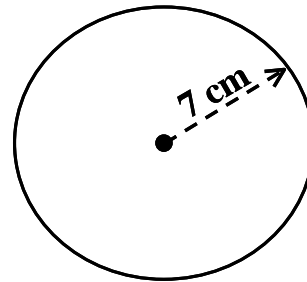
9. The length of side c is:

    a. 12 units

    b. 6 units

    c. 74 units

    d. 8.6 units

    Not to scale

10. The circumference of the circle is:

    a. **22 cm**

    b. **154 cm²**

    c. **44 cm**

    d. **$7^2/\pi$ mm**

11. 52 inches is how many feet and inches?

    a. 3 feet 14 inches   **b.** 4 feet 10 inches

    c. 4.3 feet   **d.** 4' 4"

12. 4.95% of $630 is:

a. $31.19   **b.** $634.95   **c.** non-taxable   **d.**
$3118.50

13. Evaluate: $6 + 3^2 - 4$

   a. 77   **b.** 5   **c.** $\sqrt{(6-4)}$ **d.** 11

14. Two of what number **multiplied** together gives you 81?

   a. 9   b. 6561   c. 3   d. 40.5

15. A rectangle has a width of 10 cm. The length of the rectangle is twice as long as the width. What is the outside measure of the **perimeter** of the rectangle?

   a. 30 cm   b. 200 cm^2 c. 40 cm   d. 60 cm

16. If Karen earns a regular wage of $12.55 per hour and gets a 4% pay raise (*ie*: an extra 4% raise), how much is her new regular rate of pay?

   a. $50.20   b. $16.55   c. $13.05   d. $12.59

17. John is calculating the width of some cabinets he wants to build. He needs a length of 2 feet 8 inches added to a length of 3 feet 6 inches. What is the total length he needs (adding the lengths together)

   a. 6ft 2in   b. 19 inches

   c. 5'14"   d. 78 inches

18. The time is 09:40. Angela calls to say she will here in 1 hour and 35 minutes (1 hr 35min). What time will Angela arrive?

    a.   11:00   b.   13:00
    c.   11:15   d.   whenever she wants

19. If four equally priced pizzas plus $10 worth of Coke costs $44, how much does one pizza cost? (*Hint: Guess and Check or work backwards*)

Each pizza costs:

    a. $8.50   b. $11.00   c. $13.50   d. $54.45

20. The metric temperature unit is a degree on the Celsius scale (°C). (*Celsius was a scientist; hence we capitalize the name of the unit of this measurement*). The formula to convert degrees Celsius (°C) to the old degrees Fahrenheit (°F) is: F = 9/5 * C + 32
If the temperature outside is 5 °C then what is the temperature measured in the old °F temperature units?
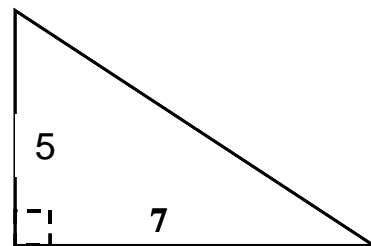
    a.   67 °F   b.   41 °F   c.   212 °F d.   30 °F

23. If there are three possible toppings for your pizza; how many different combinations of pizzas can you order if you select two different toppings
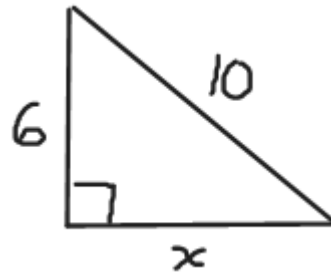
    a. 2   b. 3   c. 6   d. only one

4. Calculate the length of the unknown side:

3

5

7

5. Calculate the length of the unknown side

7. Complete the questions in following table:

a. 5 ft 4 in *subtract* 3 ft 8 in is:

b. three and a half bunches of 6 bananas is how many bananas?

c. A two thirds portion of 9 whole strips of bacon is:

d.
$$2\ hr\ 55\ min$$
$$+\ 3\ hr\ 20\ min$$

e.
$$6\ hr\ 15\ min$$
$$-\ 3\ hr\ 20\ min$$

f.
$$6\ lb\ 7\ oz$$
$$+\ 4\ lb\ 8\ oz$$

g.
$$5\ yd\ 2\ ft\ 8\ in$$
$$+2\ yd\ 1\ ft\ 7\ in$$

h.
$$5\ yrs\ 3\ months$$
$$+\ 3\ yrs\ 10\ months$$