Republic of the Philippines
DEPARTMENTOF EDUCATION
Region IV-A CALABARZON
Division of Laguna
DISTRICT OF MAGDALENA-MAJAYJAY
BUENAVISTA-CIGARAS ELEMENTARY SCHOOL
Magdalena

## FOURTH PERIODICAL TEST IN MATHEMATICS V

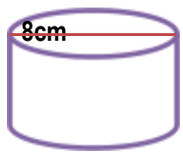
Answer each question. Choose the letter of the correct answer.

_____1. A pencil is 20cm long. How long it is in meters?
a. 2m b. 0.2m c. 0.02m d. 0.002m

_____2. Which of the following unit is used to express volume?
a. m b. $m^2$ c. $m^3$ d. $m^5$

_____3. A square floor tile measures 40cm. What is its area?
a. $40cm^2$ b. $1600m^2$ c. $80m^2$ d. $120cm^2$

_____4-6 Refer to the figure
.




_____4. What is the radius of the can?
a. 8cm b. 4cm c. 2cm d. 3cm

_____5.What is the circumference of the can?
a. 25.12cm b. 6.28cm c. 12.56cm d. 8.43cm

_____6. What is the area of the top surface of the can.
a. $18.84cm^2$ b. $331.4cm^2$ c. $50.24cm^2$ d. $150.72cm^2$

_____7. What is the area of the trapezoid given below?
a. $36cm^2$ b. $72cm^2$ c. $80cm^2$ d. $76cm^2$




____8. Convert 1800 centimeter to meter.
a. 0.18m b. 1.8m c. 18m d. 180m

____9. Give the area of a Triangle whose base is 12cm and an altitude of 10cm.
a. $6cm^2$ b. $60cm^2$ c. $600cm^2$ d. $0.60cm^2$

____10. Find the Area of a rectangle with 5cm long and 4cm wide.
a. $2000cm^2$ b. $0.2cm^2$ c. $20cm^2$ d. $0.002cm^2$

____11. An orchard measures 28m by 35m. How big is the orchard?
a. $78m^2$ b. $985m^2$ c. $980m^2$ d. $789m^2$

____12. What is the area of a rectangular garden which is 25m long and 12m wide?
a. $30m^2$ b. $40m^2$ c. $300m^2$ d. $400m^2$

____13. A sailboat has a triangular sail with a base of 15dm and an altitude with 25dm. How many squaredm is the area of the sail?
a. $18.75dm^2$ b. $1.875dm^2$ c. $187.5dm^2$ d. $1875dm^2$

____14. Find the volume of a rectangular prism whose width is 2cm, height of 3cm and a length of 4cm.
a. $20cm^3$ b. $24cm^3$ c. $28cm^3$ d. $30cm^3$

____15. Find the volume of the cube whose edge is 3dm long.
a. $27dm^3$ b. $30dm^3$ c. $36dm^3$ d. $45dm^3$

____16.The base of a trapezoid measures 10m and 15.5m and a height of 8m. What is the Area?
a. $102m^2$ b. $120m^2$ c. $1200m^2$ d. $120.2m^2$

____17. A circular flower plot has a radius of 5m. What is its area?

a. $7.852m^2$ b. $78.5m^2$ c. $785m^2$ d. $785.5m^2$

____18. Find the length of the radius of a circle whose circumference is 20cm. round your answer to the nearest tenth.

a. 3.2cm b. 32cm c. 0.32cm d. 0.032cm

____19. A piece of wood is 15dm by 3dm by 2dm. Find its volume.

a. $9000dm^3$ b. $900dm^3$ c. $90dm^3$ d. $9dm^3$

____20. A container measures 35cm by 45cm by 52cm. What is the volume of the container?

a. $81900cm^3$ b. $89100m^3$ c. $91800cm^3$ d. $18900cm^3$

____21-24. Choose from the correct unit of measurement being described. Write only the letter of the correct answer.

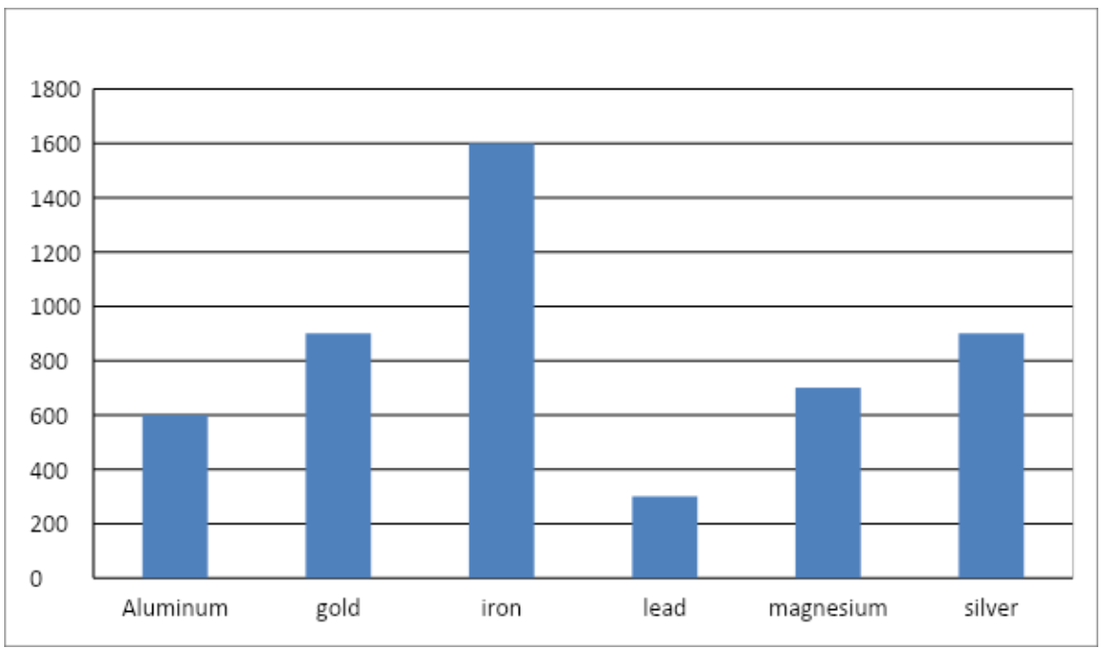
a. centimeter b. millimeter c. kilometer d. meter

21. the smallest unit of measure among the group
22. the unit that best expresses road distances in South Luzon Expressways
23. the largest unit of measure among the group
24. the most reasonable unit for measuring thickness of a book

____25. The boiling point of alcohol is 78 C. How many degrees Celsius greater is the boiling point of water than the boiling point of alcohol?

a. 22 $^oC$ b. 178 $^oC$ c. 50 $^oC$ d. 16 $^oC$

For numbers 26-33, refer to the bar graph below.




_____26. What type of graph is shown above?

a. Line graph b. Pictograph c. Vertical bar graph d. Horizontal bar graph

_____27. Which metal has the highest melting point?

a. aluminum b. lead c. iron d. silver

_____28. Which metal has the lowest melting point?

a. gold b. iron c. magnesium d. lead

_____29. Which metal has almost the same melting point as aluminium?

a. silver b. magnesium c. lead d. iron

_____30. Tungsten is a metal used in light bulbs. If its melting point is ten times that of lead, what is the melting point of tungsten.

a. 300 $^o$ C b. 3000 $^oC$ c. 30 000 $^oC$ d. 300 000 $^oC$

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____31. Which metal has a melting point almost one-half that of magnesium.

a. silver b. lead c. gold d. iron

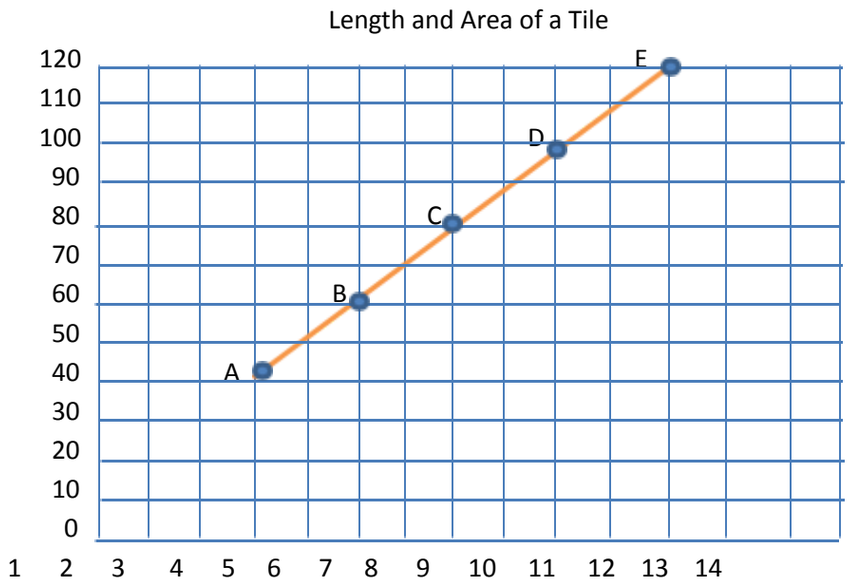
____32. If all the metal has heated in a flame with a temperature of 400 C, which will melt first.

a. gold b. lead c. silver d. aluminium

____33. If all the metals are heated in a flame of with a temperature of 1000 C, which will not melt first.

a. iron b. gold c. silver d. magnesium

For numbers 34-40, refer to the bar graph below.




_____34. What is the interval used in the x-axis?

a. 10cm b. 5cm c. 20cm d. 1cm

_____35. What is the interval used in y-axis?

a. 5cm b. 20cm c. 2cm d. 10cm

_____36. Point C is the intersection of which pair of x and y axis?

a. 7cm and 80cm b. 7cm and 90cm c. 8cm and 80cm d. 8cm and 90cm

For numbers 37-40, refer to the bar graph below.

| Year Harvested | Number of Harvested Mangoes |
|---|---|
| 2009 | |
| 2008 | |
| 2007 | |
| 2006 | |
| 2005 | |
| 2004 | |

Legend: = 1 big basket of mangoes

_____37. Which year has the great number of mangoes harvested?

a. 2009 b. 2008 c. 2007 d. 2006

_____38. Which year has the least number of mangoes harvested?

a. 2009 b. 2008 c. 2007 d. 2006

_____39. What year has the same number of mangoes harvested?

a. 2009 and 2005 b. 2008 and 2006 c. 2006 and 2007 d. 2005 and 2008

_____40. Give the average number of baskets of mangoes harvested from the year 2004-2009.

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a. 30basket b. 40basket c.50basket d.60basket

____41. Which of the following given is the normal body temperature.

a. $30^{o}C$ b. $34^{o}C$ c.$35^{o}C$ d.$37^{o}C$

____ 42. What is the boiling point of water?

a. $0^{o}C$ b. $10^{o}C$ c. $100^{o}C$d. none of these

____ 43. Which of the following is the freezing point of water?

a. $-10^{o}C$ b. $0^{o}C$ c. $10^{o}C$ d. $100^{o}C$

____44. The temperature outside is $38^{o}C$. Which of the following should you wear?

a. A light jacket c. A heavy coat

b. A sweater d. A pair of shorts and shirt

____ 45.Someone says the day's temperature is $90^{o}$. What scale is that person using?

a. Celsius b. Kelvin c. Fahrenheit d. cannot be determined

____ 46. The temperature on a cool day in the Philippines is about:

a. $10^{o}C$ b. $22^{o}C$ c. $35^{o}C$ d. $100^{o}C$

____47.Convert $50^{o}F$ to $^{o}C$.

a. $5^{o}C$ b. $10^{o}C$ c. $50^{o}C$ d. $75^{o}C$

____ 48.Express $40^{o}C$ to $^{o}F$.

a. $84^{o}F$ b. $94^{o}F$ c. $104^{o}F$ d. $114^{o}F$

____ 49.Convert $90^{o}C$ to $^{o}F$.

a. $194^{o}F$ b. $195^{o}F$ c. $196^{o}F$ d. $197^{o}F$

____ 50.Express $77^{o}F$ to $^{o}C$.

a. $20^{o}C$ b. $25^{o}C$ c. $30^{o}C$ d. $35^{o}C$

Good Luck ☺

**"Credit to the author of this file"**

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