

# TARGETER WINGS STANDARD SIX - YEAR 2021

## CONTINUOUS ASSESSMENT TEST

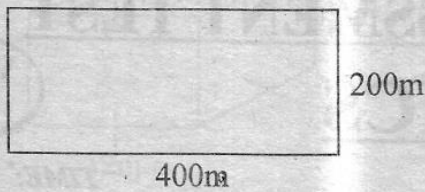
### MATHEMATICS



TIME: 2 hours

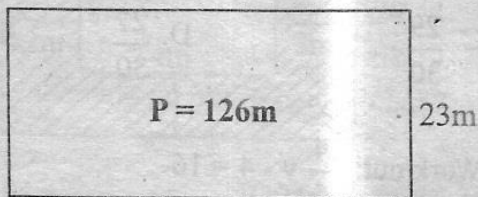
1. Write in words 96242692
  - A. Ninety six thousand two hundred and forty two hundred six hundred and ninety two.
  - B. Ninety six million two hundred and forty two thousand six hundred and ninety two.
  - C. Nine million sixty two hundred four thousand six hundred and forty two.
  - D. Ninety six million two hundred and forty two thousand and ninety two.
2. Find the total value of digit 6 in 462945
  - A. 60000
  - B. 6000
  - C. 60
  - D. 6
3. What is the place value of digit nine in 569214?
  - A. Thousands.
  - B. Ten thousands.
  - C. Hundreds.
  - D. Hundred thousands.
4. Round off 692.151 to the nearest tenths
  - A. 69.21
  - B. 69.22
  - C. 69.3
  - D. 692.2
5. What is the next number in the pattern below 46, 47, 51, 60, \_\_\_\_\_?
  - A. 86
  - B. 72
  - C. 76
  - D. 64
6. What is the greatest number that can divide 6, 9, 15 without a remainder?
  - A. 6
  - B. 3
  - C. 45
  - D. 90
7. What is the LCM of 12, 15 and 18?
  - A. 3
  - B. 18
  - C. 120
  - D. 180
8. Work out:  $64080 \div 16 =$ 
  - A. 4005
  - B. 45
  - C. 405
  - D. 40005
9. Add:  $40.296 + 2.092 + 0.901 =$ 
  - A. 42.289
  - B. 42.189
  - C. 43.289
  - D. 43.189
10. Add:  $\frac{1}{3} + \frac{2}{5} + \frac{1}{6} =$ 
  - A.  $\frac{9}{10}$
  - B.  $\frac{1}{10}$
  - C.  $\frac{29}{30}$
  - D.  $\frac{27}{30}$
11. Work out:  $\frac{4}{5}y - 4 = 16$ 
  - A. 15
  - B. 25
  - C. 30
  - D. 8
12. What is the square of  $4^2$ ?
  - A. 16
  - B. 2
  - C. 1
  - D. 256
13. What is the square  $2\frac{4}{5}$ ?
  - A.  $\frac{14}{15}$
  - B.  $\frac{25}{186}$
  - C.  $7\frac{21}{25}$
  - D.  $5\frac{21}{25}$
14. What is the value of  $\sqrt{1.69}$ ?
  - A. 13
  - B. 0.13
  - C. 0.013
  - D. 1.3
15. What is the square of  $0.2^2$ ?
  - A. 0.4
  - B. 0.16
  - C. 0.0016
  - D. 0.0004
16. What is  $\frac{3}{8}$  as a decimal correct to two decimal points?
  - A. 0.375
  - B. 0.38
  - C. 0.37
  - D. 0.36
17. What is the place value of digit 4 in 289.6241?
  - A. Tenth
  - B. Hundredth
  - C. Thousandth
  - D. Hundreds

18. What is the area of the rectangle below in ha?



- A. 80000ha      B. 800ha  
C. 40000ha      D. 8ha

19. A rectangle has a perimeter of 126m. It's width is 23m. Find it's length



- A. 40m      B. 46m  
C. 80m      D. 172m

20. Convert  $12\frac{1}{2}\%$  as a fraction and simplify.

- A.  $\frac{1}{16}$       B.  $\frac{25}{100}$   
C.  $\frac{1}{8}$       D.  $\frac{25}{2}$

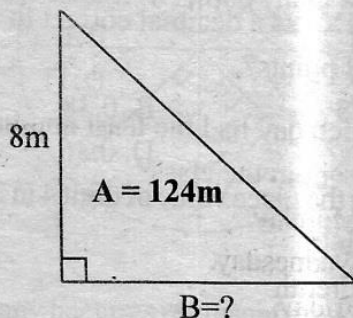
21. Convert 0.281 as a percentage

- A. 2.81%      B. 28.1%  
C. 281%      D. 0.281%

22. A circle has a circumference of 176m. What is it's radius?

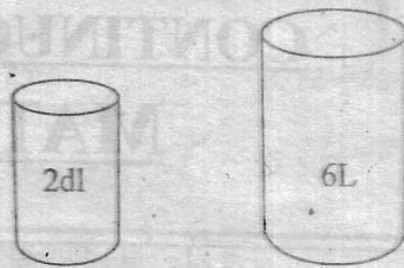
- A. 56m      B. 14m  
C. 112m      D. 28m

23. The triangle below has an area of  $124m^2$ . The height is 8m. Find it's base



- A. 8m      B. 16m  
C. 32m      D. 31m

24. How many tin A will fill tin B?



- A. 300      B. 30  
C. 3      D. 120

25. Convert 2.4 tonnes into kilograms

- A. 2400kg  
B. 240kg  
C. 24kg  
D. 24000kg

26. A trader sold an item at 5000 shillings after making a profit of sh. 1000. Find the percentage profit made

- A. 100%      B.  $12\frac{1}{2}\%$   
C. 25%      D. 10%

27. On a map 4cm represents 40m. How many metres will be represented by 16cm?

- A. 160      B. 16  
C. 1600      D. 1.6

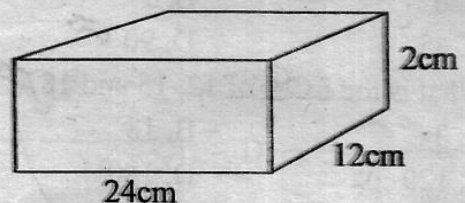
28. What is the sum of faces, edges and vertices of an open cuboid?

- A. 20      B. 26  
C. 11      D. 25

29. What is the mean of the following numbers 42, 44, 38, 46, 40 and 42?

- A. 44      B. 42  
C. 45      D. 46

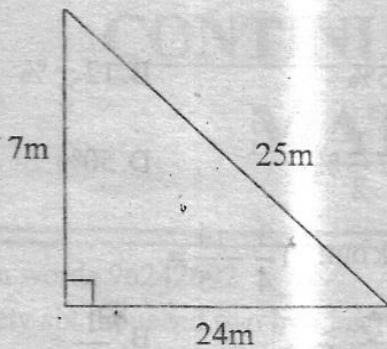
30. What is the volume of the cuboid below?



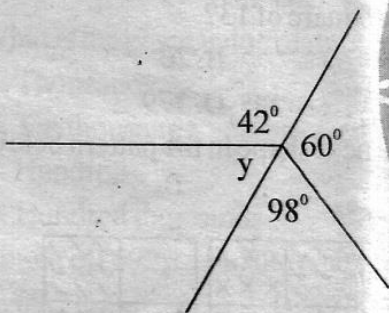
- A.  $288cm^3$   
B.  $576cm^3$   
C.  $144cm^3$   
D.  $24cm^3$



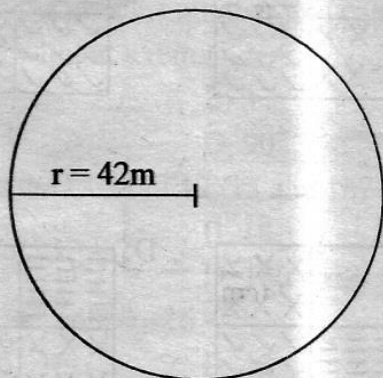
31. Find the area of the triangle below



- A.  $84\text{m}^2$                       B.  $600\text{m}^2$   
 C.  $168\text{m}^2$                       D.  $56\text{m}^2$
32. Find the speed of a car that covers a distance of 360km in 4 hours
- A. 72km/hr  
 B. 25km/hr  
 C. 90km/hr  
 D. 20km/hr
33. Find angle marked y



- A.  $80^\circ$                       B.  $20^\circ$   
 C.  $60^\circ$                       D.  $160^\circ$
34. What is the circumference of the circle below?



- A. 132m  
 B. 264m  
 C. 188m  
 D. 252m

35. Which one of the following is a terminating decimal?

- A.  $\frac{5}{8}$                       B.  $\frac{2}{3}$   
 C.  $\frac{1}{3}$                       D.  $\frac{1}{9}$

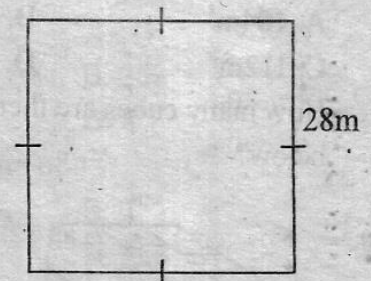
36. Work out:  $2.64 \times 2.3 =$

- A. 6072                      B. 60.72  
 C. 6.072                      D. 607.2

37. Find the total value of digit 6 in 4923.3261

- A. 0.6                      B. 0.06  
 C. Six                      D. 0.006

38. Find the area of the square below



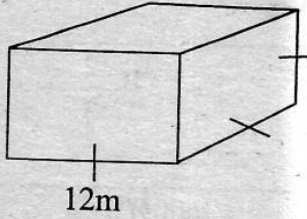
- A.  $112\text{m}^2$                       B.  $784\text{m}^2$   
 C.  $728\text{m}^2$                       D.  $56\text{m}^2$

The table below shows the number of pupils absent in a class of 45

M	T	W	T	F
1	2	5	4	3
3	4	6	2	3

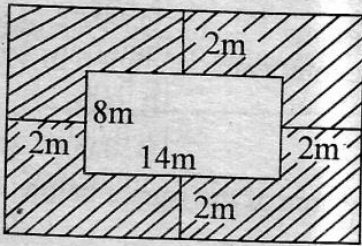
39. How many pupils were present on Monday?
- A. 41                      B. 4  
 C. 43                      D. 45
40. How many pupils were absent on Thursday?
- A. 4                      B. 6  
 C. 2                      D. 11
41. Which day had the least number of pupils present in the class?
- A. Monday.  
 B. Wednesday.  
 C. Friday.  
 D. Tuesday.

42. Find the volume of the cube below



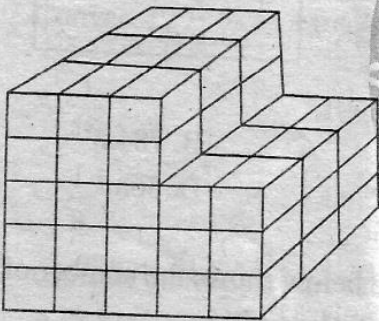
- A.  $144m^3$                       B.  $1628m^3$   
 C.  $1728m^3$                       D.  $1828m^3$

43. Find the area of the shaded part below



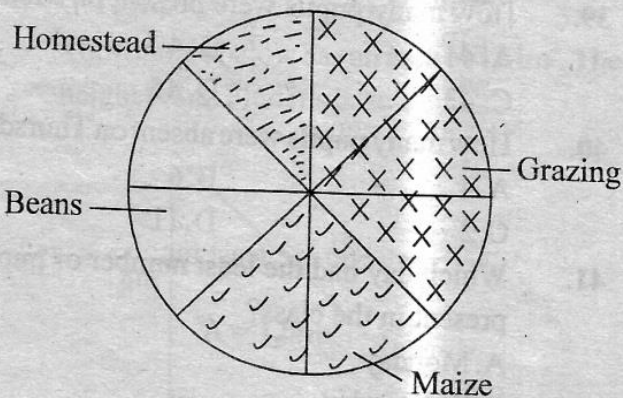
- A.  $104m^2$                       B.  $216m^2$   
 C.  $112m^2$                       D.  $328m^2$

44. How many cubes are there in the stalk below?



- A. 45                                  B. 48  
 C. 54                                  D. 63

45. The pie-chart below shows 320ha piece of land



How many hectares represent grazing?

- A. 80ha                                  B. 120ha  
 C. 320ha                                  D. 160ha

46. What percentage represent maize growing in the pie-chart above?

- A. 25%                                  B.  $12\frac{1}{2}\%$   
 C.  $37\frac{1}{2}\%$                                   D. 50%

47. Work out:  $1\frac{3}{4} - \frac{4}{5} =$

- A.  $1\frac{19}{20}$                                   B.  $\frac{1}{20}$   
 C.  $\frac{19}{20}$                                   D.  $\frac{9}{20}$

48. Add:  $4\frac{3}{8} + 5\frac{2}{5} =$

- A.  $4\frac{31}{40}$                                   B.  $9\frac{31}{40}$   
 C.  $8\frac{31}{40}$                                   D.  $10\frac{31}{40}$

49. What is the square of 13?

- A. 169                                  B. 26  
 C. 52                                  D. 179

50. What is the next shape in the pattern below?

