

KENYA PRIMARY SCHOOL EDUCATION ASSESSMENT**2026****MATHEMATICS****Prediction 3****603 Time: 1 hour 20 minutes 30 marks**

Name

Assessment number

School

INSTRUCTIONS TO CANDIDATES

1. This question paper contains 30 questions. Answer all questions.
2. Do any necessary rough work in the working spaces provided.
3. Mark answers on the answer sheet, not in this question paper.
4. For each question, choose only one answer from A, B, C and D. Each correct answer carries 1 mark.
5. Use an ordinary HB pencil to shade the circle containing your chosen answer. Keep all shading inside the circle.
6. Keep the answer sheet clean and dry. Do not fold it.
7. Use a ruler and a protractor where required. Print on A4 at 100% actual size for measurement questions.

Diagrams are not drawn to scale unless stated to be drawn accurately.

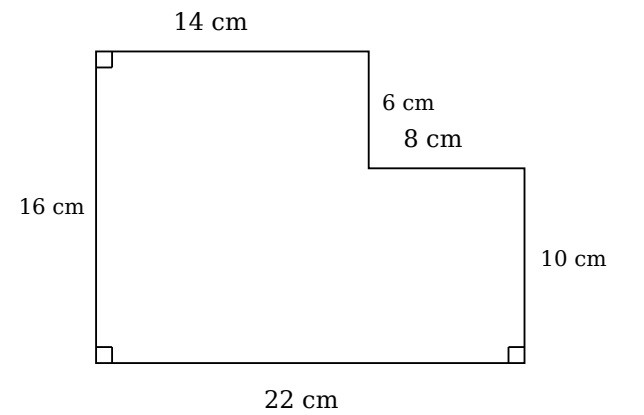
Working Space

- 1.** A charity recorded 508 064 tickets for its fundraising activities. Which option writes this number correctly in words?
- A. Five hundred and eighty thousand and sixty-four
 - B. Fifty-eight thousand and sixty-four
 - C. Five hundred and eight thousand and six hundred and four
 - D. Five hundred and eight thousand and sixty-four
- 2.** A warehouse recorded 274 683 cartons. What is the total value of the digit 7?
- A. 70 000
 - B. 7 000
 - C. 700 000
 - D. 700
- 3.** Four delivery codes are 83 052, 80 523, 83 502 and 80 325. Which list arranges the codes from the smallest to the largest?
- A. 80 523, 80 325, 83 052, 83 502
 - B. 80 325, 80 523, 83 052, 83 502
 - C. 80 325, 83 052, 80 523, 83 502
 - D. 83 502, 83 052, 80 523, 80 325

4. A printer makes 37 booklets. Each booklet has 205 pages. How many pages are printed altogether?

- A. 7 405
- B. 7 585
- C. 6 585
- D. 7 550

5. A display board has the L-shaped outline shown. All corners are right angles.



What is the area of the display board?

- A. 224 cm²
- B. 272 cm²
- C. 304 cm²
- D. 352 cm²

6. The table shows the number of beads used at successive stages of a pattern.

Stage	Number of beads
1	7
2	21
3	63
4	189
5	?

How many beads are needed at stage 5?

- A. 567
- B. 378
- C. 252
- D. 756

Working Space

Working Space

7. A school garden has $\frac{3}{10}$ of its area planted with herbs and $\frac{1}{4}$ planted with flowers. What fraction is planted with herbs and flowers altogether?

- A. $\frac{7}{20}$
- B. $\frac{1}{20}$
- C. $\frac{4}{14}$
- D. $\frac{11}{20}$

8. A club recycled 72% of the bottles it collected. What fraction of all the bottles was recycled, in its simplest form?

- A. $\frac{18}{25}$
- B. $\frac{7}{20}$
- C. $\frac{25}{18}$
- D. $\frac{9}{25}$

9. A learner wrote $\frac{11}{40}$ of a metre as a decimal. Which decimal is correct?

- A. 2.75
- B. 0.275
- C. 0.225
- D. 0.0275

10. A container held 4.608 litres of liquid. A learner poured out 2.795 litres. How many litres remained?

- A. 2.187
- B. 1.913
- C. 1.813
- D. 7.403

Working Space

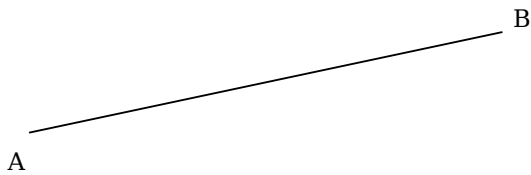
11. A supplier estimates how many groups of 18 can be made from 1 656 items. Round both 1 656 and 18 to the nearest ten, then divide. What estimate is obtained?

- A. 82
- B. 93
- C. 92
- D. 83

12. A strip of decorative tape was 87 cm 4 mm long. A learner used 29 cm 8 mm. What length remained?

- A. 57 cm 6 mm
- B. 58 cm 6 mm
- C. 116 cm 2 mm
- D. 58 cm 4 mm

13. Line AB is drawn accurately. Measure its length using a ruler.



What is its length in millimetres?

- A. 0.64 mm
- B. 64 mm
- C. 640 mm
- D. 6.4 mm

14. A shop has 1 148 gift tags. The tags are to be packed with 21 in each packet. What is the least number of extra tags needed so that no packet is incomplete?

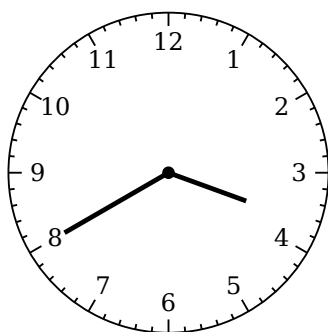
- A. 14
- B. 54
- C. 7
- D. 21

Working Space

- 15.** A dispenser holds 6.8 litres of water. What is this capacity in millilitres?
- A. 68 000
 - B. 6 800
 - C. 680
 - D. 68
- 16.** A vehicle carries 7 250 kilograms of gravel. What is the mass in tonnes?
- A. 0.725
 - B. 72.5
 - C. 7.25
 - D. 725
- 17.** A roll contained 7.5 metres of wire. After 2.4 metres was used, what fraction of the original wire remained? Give the answer as a decimal.
- A. 0.86
 - B. 0.32
 - C. 0.68
 - D. 0.51
- 18.** A farmer divides 48 kg 720 g of fish feed equally among six containers. What mass of feed is put in each container?
- A. 8 kg 12 g
 - B. 8 kg 720 g
 - C. 8 kg 120 g
 - D. 7 kg 120 g

Working Space

19. The clock shows the time in the afternoon.



What is the time in the 24-hour system?

- A. 1520 h
- B. 1540 h
- C. 0340 h
- D. 1620 h

20. A club bought four baskets at Ksh 320 each. It spent Ksh 30 decorating each basket and sold each one for Ksh 425. What total profit did the club make?

- A. Ksh 300
- B. Ksh 420
- C. Ksh 1 280
- D. Ksh 1 700

21. The table shows prices at a craft shop.

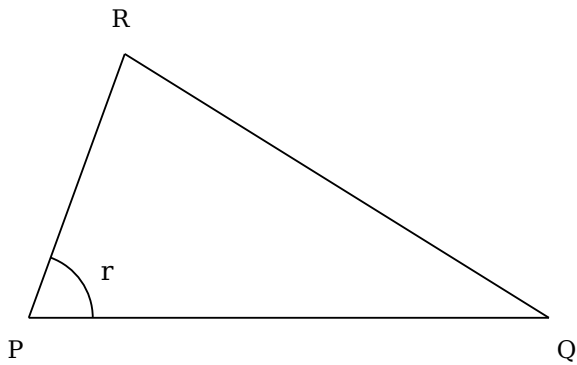
Item	Price (Ksh)
Paintbrush	85
Bottle of glue	120
Pack of paper	165

A learner buys two paintbrushes, one bottle of glue and one pack of paper. How much change is received from Ksh 1 000?

- A. Ksh 545
- B. Ksh 455
- C. Ksh 630
- D. Ksh 715

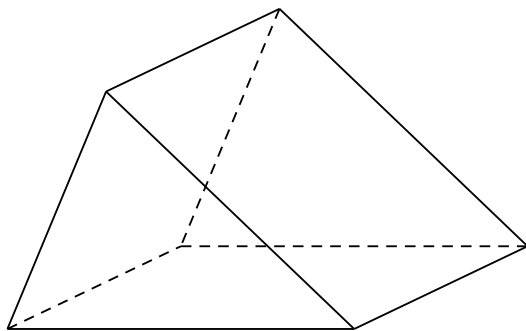
Working Space

22. Triangle PQR is drawn accurately. Use a protractor to measure the angle marked r .



- A. 110°
- B. 70°
- C. 20°
- D. 140°

23. A solid model has the shape shown.

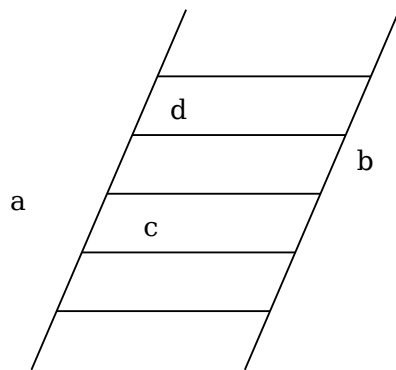


Closed triangular prism

How many vertices and faces does it have?

- A. 6 vertices and 5 faces
- B. 6 vertices and 8 faces
- C. 8 vertices and 6 faces
- D. 5 vertices and 6 faces

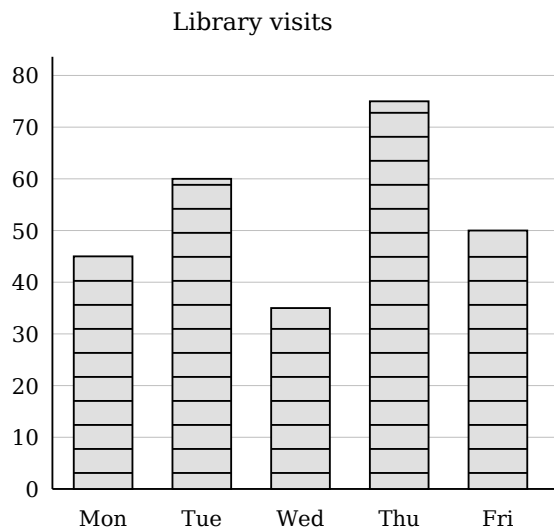
24. A learner labels parts of the ladder as shown.



Which pair of labelled parts is parallel?

- A. b and d
- B. a and d
- C. c and d
- D. a and c

25. The bar graph shows visits to a school library over five days.



How many visits were recorded on Tuesday and Friday altogether?

- A. 115
- B. 110
- C. 125
- D. 105

Working Space

Working Space

26. Learners recorded the bead colours chosen for a craft project. Complete any missing frequencies from the tallies.

Bead colour	Tally	Frequency
Red		
Blue		9
Green		
Yellow		6

How many beads were recorded altogether?

- A. 34
- B. 35
- C. 29
- D. 28

27. Which solid has one curved surface and two flat circular faces?

- A. Cube
- B. Triangular prism
- C. Cone
- D. Cylinder

28. The timetable shows a bus journey from stop A to stop C.

Stop	Arrival	Departure
A	-	7.45 a.m.
B	9.20 a.m.	9.35 a.m.
C	11.10 a.m.	-

How long does the whole journey take, including the stop at B?

- A. 3 hours 10 minutes
- B. 2 hours 50 minutes
- C. 4 hours 25 minutes
- D. 3 hours 25 minutes

Working Space

29. Three notebooks cost n shillings each. Their total cost is more than Ksh 135. Which inequality represents this information?

- A. $3n < 135$
- B. $135n > 3$
- C. $n + 3 > 135$
- D. $3n > 135$

30. A club arranges k seedlings in each of eight trays and has six seedlings left over. There are 94 seedlings altogether. Which equation represents the information?

- A. $8k - 6 = 94$
- B. $6k + 8 = 94$
- C. $k + 8 + 6 = 94$
- D. $8k + 6 = 94$

END OF EXAMINATION PAPER

MATHEMATICS Prediction 3**MULTIPLE-CHOICE ANSWER SHEET**

Name Assessment number

Shade one circle for each question.

1. ☐ A ☐ B ☐ C ☐ D
2. ☐ A ☐ B ☐ C ☐ D
3. ☐ A ☐ B ☐ C ☐ D
4. ☐ A ☐ B ☐ C ☐ D
5. ☐ A ☐ B ☐ C ☐ D
6. ☐ A ☐ B ☐ C ☐ D
7. ☐ A ☐ B ☐ C ☐ D
8. ☐ A ☐ B ☐ C ☐ D
9. ☐ A ☐ B ☐ C ☐ D
10. ☐ A ☐ B ☐ C ☐ D
11. ☐ A ☐ B ☐ C ☐ D
12. ☐ A ☐ B ☐ C ☐ D
13. ☐ A ☐ B ☐ C ☐ D
14. ☐ A ☐ B ☐ C ☐ D
15. ☐ A ☐ B ☐ C ☐ D

Working Space

16. ☐ A ☐ B ☐ C ☐ D
17. ☐ A ☐ B ☐ C ☐ D
18. ☐ A ☐ B ☐ C ☐ D
19. ☐ A ☐ B ☐ C ☐ D
20. ☐ A ☐ B ☐ C ☐ D
21. ☐ A ☐ B ☐ C ☐ D
22. ☐ A ☐ B ☐ C ☐ D
23. ☐ A ☐ B ☐ C ☐ D
24. ☐ A ☐ B ☐ C ☐ D
25. ☐ A ☐ B ☐ C ☐ D
26. ☐ A ☐ B ☐ C ☐ D
27. ☐ A ☐ B ☐ C ☐ D
28. ☐ A ☐ B ☐ C ☐ D
29. ☐ A ☐ B ☐ C ☐ D
30. ☐ A ☐ B ☐ C ☐ D