

وزارة التربية والنعليى

إإدارة المركزية لنطوير المناهج

<u>إدارة ننهية مادة الرياضيات</u>

Ser St

<u>أداءات ونقيبات لمنهج الرياضيات</u>

للص<mark>ف الثانك الأعدادي</mark>

<u>للمام الدراسي 2024 / 2025</u>

Second Year Preparatory Second Term 2024 – 2025 Algebra: Exercises for unit (3) Geometry: Exercises for unit (5)



Class Performance (14)



Second Year Preparatory Second Term 2024 – 2025 Algebra: Exercises for unit (3) Geometry: Exercises for unit (5)



وزارة التربية والتعليم الإدارة المركزية لتطوير المناهج مكتب مستشار الرياضيات

5) <u>In the opposite figure</u>:

Determine the type of the triangle ABC

according to its angles if:

AB = 24 cm, BC = 25 cm, AC = 7 cm.

- 6) If x is the probability of the impossible event and y is the probability of the certain event, find the value of $3^x + 2^y$
- 7) If the probability that a player will score a goal is 0.7, find the probability that he will not score a goal.
- 8) A class has 36 pupils, if the probability of choosing a boy is 0.6, find the number of girls.
- 9) A bag has 10 cards numbered from 1 to 10, if a card is drawn randomly, find the probability that the card carries an even number.
- 10) A box contains some identical balls, 8 of them are white, 4 balls are green and 12 balls are red, one ball is drawn randomly, find the probability of the drawn ball is:
 - a) White.

c) Red.

b) Green.

d) Non white.