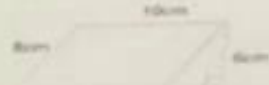




اختيار منتصف الفصل الدراسي الثالث قاعدة الرياضيات لتصف للعام الدراسي 1437 هـ

20



1- أوجد مساحة متوازي الاضلاع

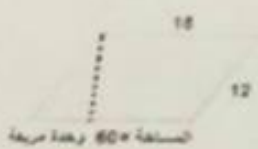
الموضح في الشكل المجاور

A. 80 cm^2

B. 48 cm^2

C. 24 cm^2

D. 60 cm^2



2- أوجد ارتفاع متوازي الاضلاع

الموضح في الشكل المجاور

$$A = b \times h$$

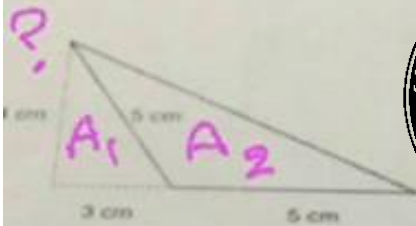
$$\frac{60}{15} = \frac{15h}{15} \Rightarrow h = 4$$

A. 5 وحدات

B. 4 وحدات

C. 144 وحدة

D. 180 وحدة



3- أوجد مساحة المثلث الموضح

في الشكل المجاور

A. 20 cm^2

B. 10 cm^2

C. 32 cm^2

D. 16 cm^2

4- مثلث مساحته 40 متراً مربعاً وارتفاعه 10 أمتار . ما طول قاعدته ؟

A. 10 m

B. 40 m

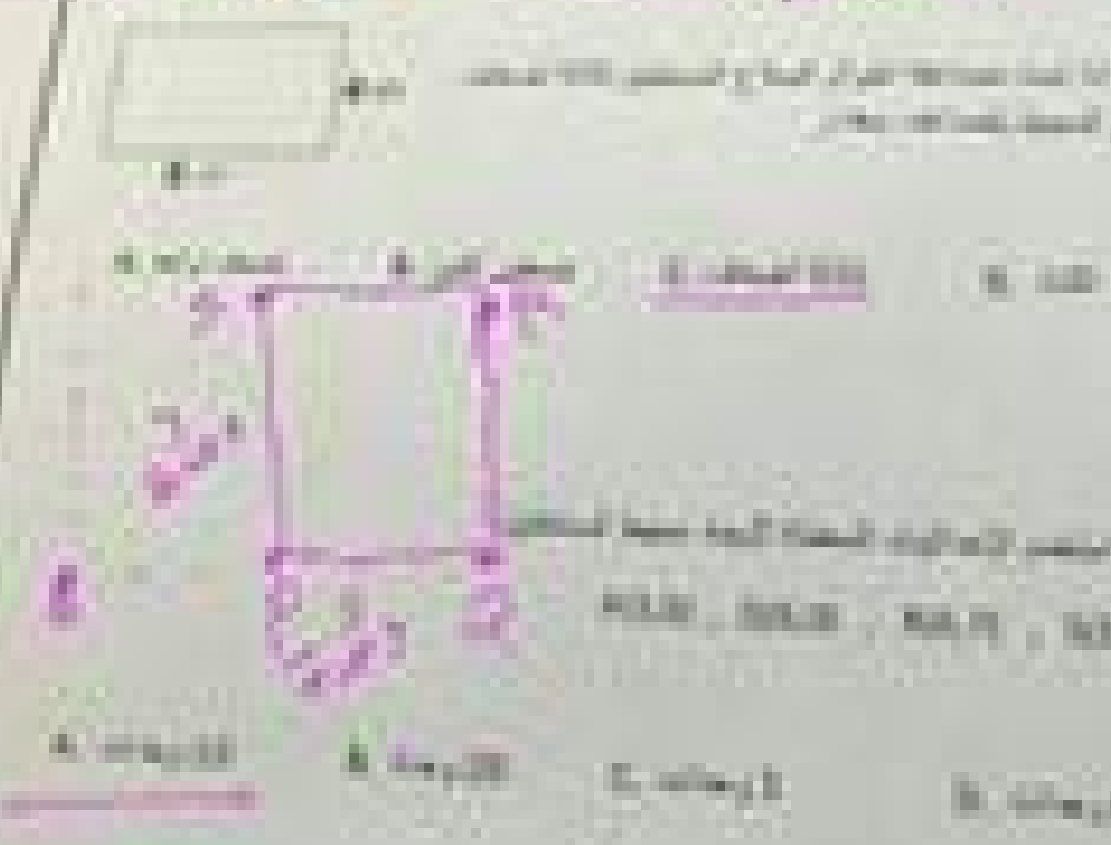
C. 8 m

D. 4 m

$$A = \frac{1}{2} b \times h \Rightarrow 40 \text{ m}^2 = \frac{1}{2} b \times 10 \Rightarrow 40 \text{ m}^2 = 5b$$

$$b = 8 \text{ m}$$

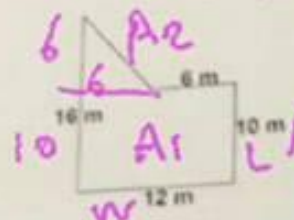
1. Identify the main components of the system. 2. Describe the function of each component. 3. Explain the flow of information and materials. 4. Discuss the role of each component in the system. 5. Identify the inputs and outputs of the system. 6. Describe the feedback loop and its importance. 7. Explain the role of the control system. 8. Discuss the impact of the system on the environment. 9. Identify the potential risks and hazards. 10. Describe the mitigation measures. 11. Explain the role of the system in the overall process. 12. Discuss the importance of the system. 13. Identify the key stakeholders. 14. Describe the communication channels. 15. Explain the role of the system in the overall process. 16. Discuss the importance of the system. 17. Identify the key stakeholders. 18. Describe the communication channels. 19. Explain the role of the system in the overall process. 20. Discuss the importance of the system. 21. Identify the key stakeholders. 22. Describe the communication channels. 23. Explain the role of the system in the overall process. 24. Discuss the importance of the system. 25. Identify the key stakeholders. 26. Describe the communication channels. 27. Explain the role of the system in the overall process. 28. Discuss the importance of the system. 29. Identify the key stakeholders. 30. Describe the communication channels. 31. Explain the role of the system in the overall process. 32. Discuss the importance of the system. 33. Identify the key stakeholders. 34. Describe the communication channels. 35. Explain the role of the system in the overall process. 36. Discuss the importance of the system. 37. Identify the key stakeholders. 38. Describe the communication channels. 39. Explain the role of the system in the overall process. 40. Discuss the importance of the system. 41. Identify the key stakeholders. 42. Describe the communication channels. 43. Explain the role of the system in the overall process. 44. Discuss the importance of the system. 45. Identify the key stakeholders. 46. Describe the communication channels. 47. Explain the role of the system in the overall process. 48. Discuss the importance of the system. 49. Identify the key stakeholders. 50. Describe the communication channels. 51. Explain the role of the system in the overall process. 52. Discuss the importance of the system. 53. Identify the key stakeholders. 54. Describe the communication channels. 55. Explain the role of the system in the overall process. 56. Discuss the importance of the system. 57. Identify the key stakeholders. 58. Describe the communication channels. 59. Explain the role of the system in the overall process. 60. Discuss the importance of the system. 61. Identify the key stakeholders. 62. Describe the communication channels. 63. Explain the role of the system in the overall process. 64. Discuss the importance of the system. 65. Identify the key stakeholders. 66. Describe the communication channels. 67. Explain the role of the system in the overall process. 68. Discuss the importance of the system. 69. Identify the key stakeholders. 70. Describe the communication channels. 71. Explain the role of the system in the overall process. 72. Discuss the importance of the system. 73. Identify the key stakeholders. 74. Describe the communication channels. 75. Explain the role of the system in the overall process. 76. Discuss the importance of the system. 77. Identify the key stakeholders. 78. Describe the communication channels. 79. Explain the role of the system in the overall process. 80. Discuss the importance of the system. 81. Identify the key stakeholders. 82. Describe the communication channels. 83. Explain the role of the system in the overall process. 84. Discuss the importance of the system. 85. Identify the key stakeholders. 86. Describe the communication channels. 87. Explain the role of the system in the overall process. 88. Discuss the importance of the system. 89. Identify the key stakeholders. 90. Describe the communication channels. 91. Explain the role of the system in the overall process. 92. Discuss the importance of the system. 93. Identify the key stakeholders. 94. Describe the communication channels. 95. Explain the role of the system in the overall process. 96. Discuss the importance of the system. 97. Identify the key stakeholders. 98. Describe the communication channels. 99. Explain the role of the system in the overall process. 100. Discuss the importance of the system.



$$A = 120 \text{ m}^2 + 18 \text{ m}^2 = 138 \text{ m}^2$$

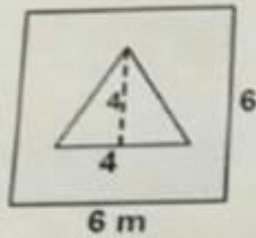
$$A_{\Delta} = \frac{1}{2}bh = \frac{1}{2} \times 6 \times 6 = 18 \text{ m}^2$$

و. أوجد مساحة الشكل المركب المجاور



$$A_1 = l \times w = 10 \text{ m} \times 12 \text{ m} = 120 \text{ m}^2$$

- A. 156 m^2 B. 60 m^2 C. 160 m^2 D. 138 m^2



$$A = s^2$$

$$A = (6 \text{ m})^2 = 36 \text{ m}^2$$

$$A_{\Delta} = \frac{1}{2}bh = \frac{1}{2} \times 4 \times 4 = 8 \text{ m}^2$$

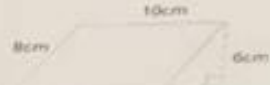
- A. 36 B. 24 C. 28 D. 16

$$A = A_{\square} - A_{\Delta} = 36 \text{ m}^2 - 8 \text{ m}^2 = 28 \text{ m}^2$$

انتهت الاسئلة



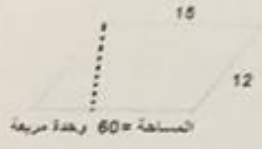
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1- أوجد مساحة متوازي الاضلاع

الموضح في الشكل المجاور

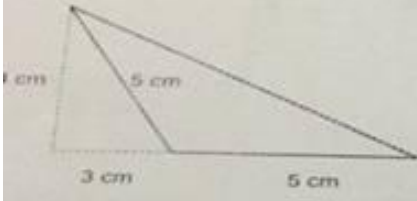
- A. 80 cm^2 B. 48 cm^2 C. 24 cm^2 D. 60 cm^2



2- أوجد ارتفاع متوازي الاضلاع

الموضح في الشكل المجاور

- A. 5 وحدات B. 4 وحدات C. 144 وحدة D. 180 وحدة



3- أوجد مساحة المثلث الموضح

في الشكل المجاور

- A. 20 cm^2 B. 10 cm^2 C. 32 cm^2 D. 16 cm^2

4- مثلث مساحته 40 متراً مربعاً وارتفاعه 10 أمتار . ما طول قاعدته ؟

- A. 10 m B. 40 m C. 8 m D. 4 m

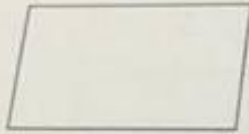
5- أوجد مساحة شبه المنحرف الموضح في الشكل المجاور



- A. 176 cm^2 B. 88 cm^2 C. 45 cm^2 D. 100 cm^2

6- مساحة شبه منحرف 150 متراً مربعاً. إذا علمت أن القاعدتين 14 و 16 متراً. ما ارتفاع شبه المنحرف ؟

- A. 10 m B. 20 m C. 30 m D. 4500 m



7- إذا تمت مضاعفة أطوال أضلاع المستطيل ثلاثة أضعاف . فإن المحيط يتضاعف بمقدار

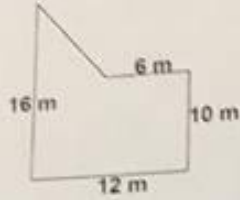
- A. ضعف واحد B. ضعفين اثنين C. ثلاثة أضعاف D. الثلث

8- استخدم الإحداثيات المعطاة لإيجاد محيط المستطيل.

$P(3,0)$, $Q(6,0)$, $R(6,7)$, $S(3,7)$

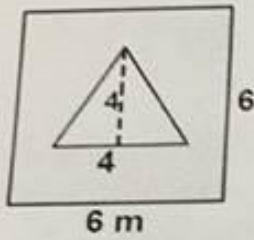
- A. 10 وحدات B. 20 وحدة C. 3 وحدات D. 6 وحدات

9- أوجد مساحة الشكل المركب المجاور



- A. 156 m^2 B. 60 m^2 C. 160 m^2 D. 138 m^2

10- مساحة الجزء المظلل تساوي



- A. 36 B. 24 C. 28 D. 16



انتهت الاسئلة