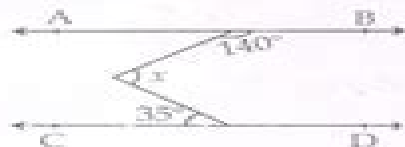


Find the value of  $(256)^{0.16} \times (256)^{0.09}$ .

- 2 बहुपद  $x^3 - 3x^2 + 3x + k$  का शून्यक 3 है तो  $k$  का मान ज्ञात कीजिए। 1  
Find the value of  $k$ , for which the polynomial  $x^3 - 3x^2 + 3x + k$  has 3 as its zero.

- 3 चित्र में  $AB \parallel CD$  है।  $x$  का मान ज्ञात कीजिए। 1



In the figure,  $AB \parallel CD$ . Find the value of  $x$ .

- 4 बिंदु  $(-2, 7)$  का भुज \_\_\_\_\_ है। 1  
The abscissa of the point  $(-2, 7)$  is \_\_\_\_\_.

### खण्ड - ब / SECTION - B

प्रश्न संख्या 5 से 10 तक प्रत्येक प्रश्न 2 अंक का है।

Question numbers 5 to 10 carry 2 marks each.

- 5 सरल कीजिए :  $\frac{s + \sqrt{2}}{s - \sqrt{2}}$  2

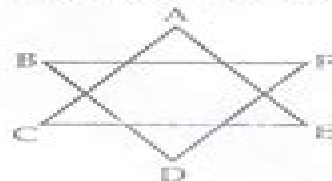
Simplify :  $\frac{s + \sqrt{2}}{s - \sqrt{2}}$

- 6 गुणनखंड कीजिए :  $4a^2 - 9b^2 - 2a - 3b$  2

Factorise :  $4a^2 - 9b^2 - 2a - 3b$

- 7 समीकरण  $x - 15 = 25$  को हल कीजिए और प्रयुक्त हुए यूक्लिड अभिगृहीत को लिखिए। 2  
Solve the equation  $x - 15 = 25$  and state Euclid's axiom used here.

- 8 चित्र में सिद्ध कीजिए कि  $\angle A + \angle B + \angle C + \angle D + \angle E + \angle F = 360^\circ$ । 2



In figure, prove that  $\angle A + \angle B + \angle C + \angle D + \angle E + \angle F = 360^\circ$ .

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**M.L. Aggarwal, Depindra Verma**



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*gold penny lab flashcards quizlet* - Feb 24 2023

web what was the purpose of the penny lab observe how properties of a metal can change how will copper be changed in terms of its properties by heating the copper with zinc in the presence of a sodium hydroxide naoh solution the zinc replaces the copper in the naoh solution then the zinc diffuses into the copper when heated zinc naoh

**drops on a penny lab little bins for little hands** - May 30 2023

web oct 3 2023 penny lab experiment let s investigate how many drops of water can fit on a penny grab your purse turn over the couch cushions or break out the piggy bank it s time to find some pennies to experiment with supplies pennies eyedropper or pipette water food coloring makes seeing this in action much easier but is optional small bowls

**take a guess science spot** - Jun 30 2023

web 1 explain your results from both parts of the experiment in terms of cohesion and surface tension 2 how do your results compare to the other groups in your class provide at least 2 possible reasons for any similarities and differences you identified drops on a penny teacher notes materials

**penny lab review flashcards quizlet** - Sep 02 2023

web study with quizlet and memorize flashcards containing terms like observations of part 1 observations of part 2 what caused the penny to turned silver was it a chemical or physical change and more

penny lab soap and surface tension the biology corner - Jan 26 2023

web jun 22 2018 use pennies soap and a pipette to conduct a lab on the surface tension of water this lab is intended to reinforce the principles of the scientific method developing a hypothesis testing a hypothesis and analyzing data

**penny lab answer key a docest** - Aug 01 2023

web penny lab answer key a 7th grade environmental science 1 the independent variable in this experiment was the side of the penny 2 the dependent variable in this experiment was the number of drops on a penny 3 surface tension is what makes water dome on the penny