

CUMULATIVE REVIEW

CHAPTERS 1-9

Review
1-9

Planning

Duration

1 day

References

Additional Quizzes
Cumulative Review Test
Sections 1-9
1, 2, 3

Content Guide

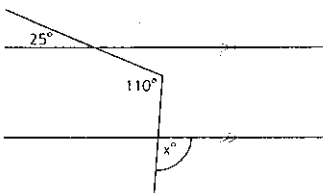
17, 21

Review 27, 29
Review Chapters
1, 8, 17, 18, 21, 22, 24

Problem Set A

- 1 A pair of consecutive angles of a parallelogram are in the ratio 5:3. Find the measure of the smaller angle. $67\frac{1}{2}$

- 2 Find x . 95



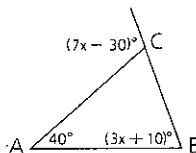
- 3 a Find the sum of the measures of the angles of a nonagon. 1260

- b If each angle of a regular polygon is a 168° angle, how many sides does the polygon have? 30

- c How many diagonals does a heptagon have? 14

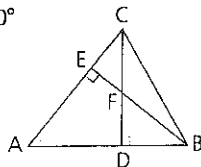
- 4 a Find x . 20

- b Is $\triangle ABC$ isosceles? Yes



- 5 A boy 180 cm tall casts a 150-cm shadow. A nearby flagpole casts a shadow 12 m long. What is the length of the flagpole? 14.4 m

- 6 Given: $\angle ABC = 60^\circ$, $\angle ACB = 70^\circ$
Find: $\angle BFC$ 130°



- 7 Find the perimeter of a rhombus whose diagonals are 10 and 24. 52