

EMAC Gold 2e Year 9 OTS_Ch8_Skillsheet_8A_Geometry_review

Chapter 8: Geometry

Name: _____

Find the value of each pronumeral in the diagrams below.

Choose and write down an appropriate reason for your answer from this list:

A: vertically opposite angles

B: angles on a straight line

C: revolution equals 360°

D: sum of adjacent angles

E: adjacent complementary angles

F: alternate angles on parallel lines

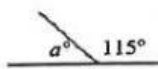
G: corresponding angles on parallel lines

H: cointerior angles on parallel lines

I: angle sum of a triangle equals 180°

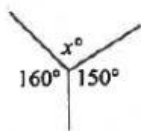
J: angle sum of a quadrilateral equals 360°

1



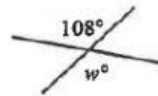
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2



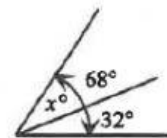
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3



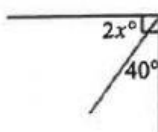
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4



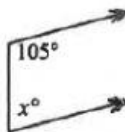
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5



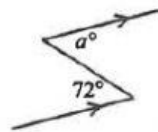
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6



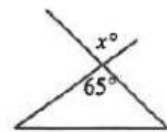
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7



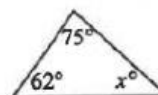
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8



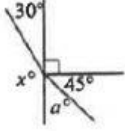
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9



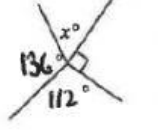
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10



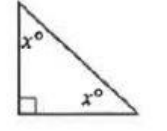
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11



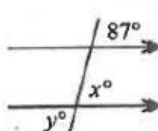
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12



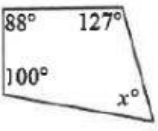
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13



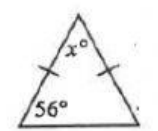
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14



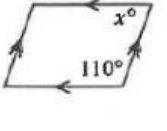
$x = \underline{\hspace{2cm}} \text{ ()}$

15



$x = \underline{\hspace{2cm}} \text{ ()}$

16



$x = \underline{\hspace{2cm}} \text{ ()}$