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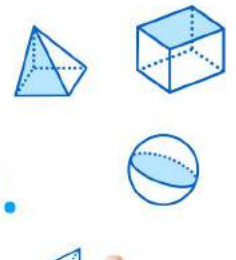

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PAIRS OF ANGLES WORKSHEETS

Q.1 Which of the following pairs of angles are supplementary angles.

a. 145°, 55°
b. 45°, 135°
c. 140°, 40°
d. 60°, 155°

Q.2 If an angle measures 69°. What is the measure of its complementary angle?

a. 21°
b. 39°
c. 30°
d. 12°

Q.3 Complementary angles have a sum of 180°.

a. True
b. False

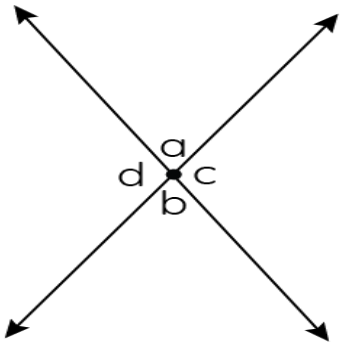
Q.4 If the sum of their measures is 180°. Then two angles are_____angles

a. Supplementary
b. Complementary
c. Straight
d. right

Q.5 Match the followings:

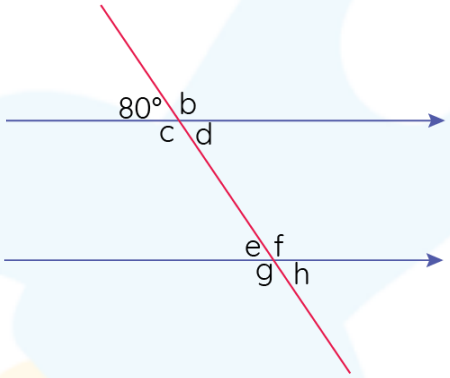
a. Corresponding angle p-angles are next to one another
b. Adjacent angles q -angles on the same side of the transversal.
c. Vertical angles, r- angles on zigzag line
d.Alternate interior angles s- angles formed by intersecting lines.

Q.6 Angle ‘c’ measures 56 degrees. What is the measurement of angle d?



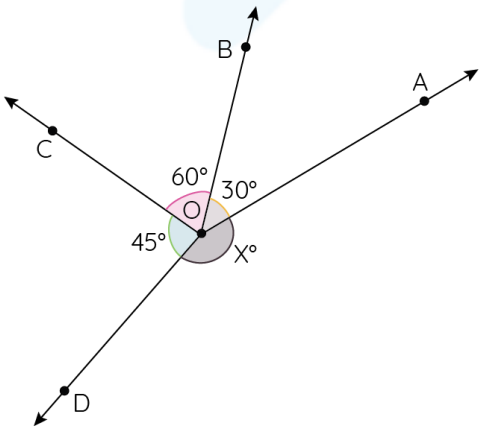
Q.7 1000is the difference in the measures of two supplementary angles. Find the measures of the angles.

Q.8 In the given diagram, find the values of the angles e and f.



Q.9 The sum of two adjacent angles is 900. If the small angle is one-third of the greater angle. Find the measures of two angles.

Q.10 Four rays originate from a point O, as shown below:



What is the value of X?

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ANSWERS

1. c) 1400, 400	2. a.21°	3. False	4. a.Supplementary	5. a.-q b.-p c.-s d.-r
6. 56 degrees	7.400 and 1400	8. 800 and 1000	9.300 and 600	10. 2250