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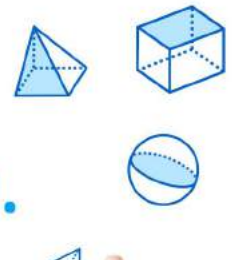

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Measuring Angles – Worksheet 2

1) A straight angle is equal to _____degrees.

2) Arrange the following angles in descending order.

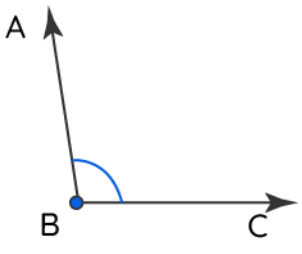


Figure 1

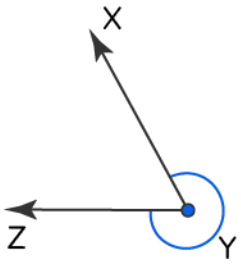


Figure 2

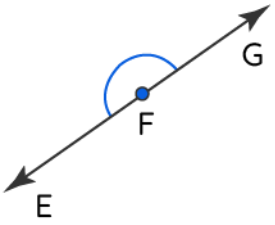


Figure 3

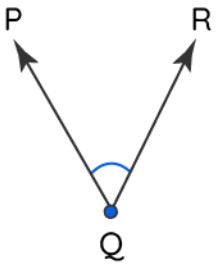
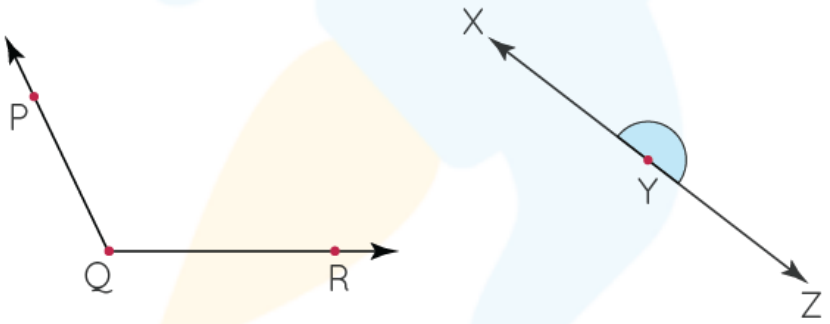


Figure 4

3) Measure the following angles using a protractor:



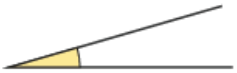
4) Construct the following angles:
   a) 34° b) 97° c) 112°

5) What is the complement of?
   a) 40° b) 57° c) 1° d) 20°

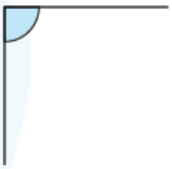
6) State each of the following as right, straight or reflex angle.
   a)12° b) 102° c) 159° d) 214°

7) What is the type of angle formed between the hands of a clock at 5:35pm?

8) State if the given angles are acute, obtuse or right.

1. 

2.

3. 

9) Construct the following angles:
   a) A straight angle
   b) A right angle
   c) A complete angle

10) Measure the below angles and answer which among the following is smaller?

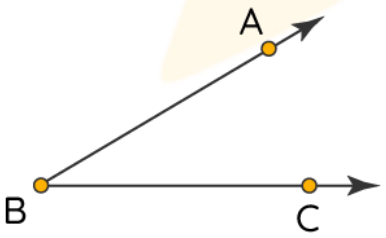


Figure 1

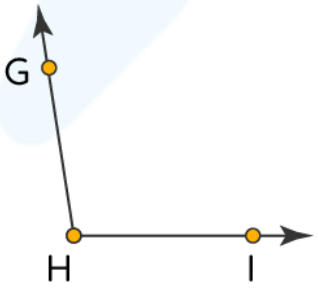


Figure 2

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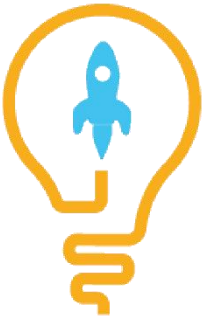

ANSWERS

1) 180°	6) a) Acute angle b) Obtuse angle c) Obtuse angle d) Reflex angle
2) Figure 2 > Figure 3 > Figure 1 > Figure 4	7)Acute angle
3) ∠PQR = 160°, ∠XYZ = 180°	8) a) Acute angle b) Obtuse angle c) Right angle
4) Make the constructions using a protractor.	9) Construct a) 180° b) 90° and c) 360° angles using a protractor
5) a) 50° b) 33° c) 89° d) 70°	10) Figure 2 has a greater angle measure than Figure 1.

FUN FACT

1. All our body parts are aligned in such a way that there are different angles formed between our body parts.

2. When two lines do not meet each other, they never form angles.

3. The word complementary comes from Latin completum (meaning completed) because the right angle is thought of as a complete angle.