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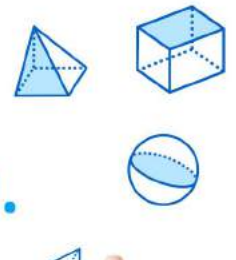

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Measuring Angles – Worksheet 3

1) A complete angle is equal to
   a) 90-degree b) 180-degree c) 360-degree d) None of these

2) Construct the following angles:
   a) 112° b) 75°

3) Name the right angle from the following diagrams and write its measure.

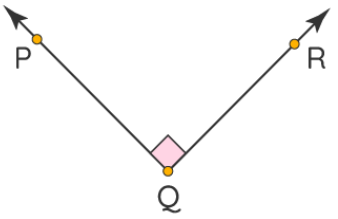


Figure 1

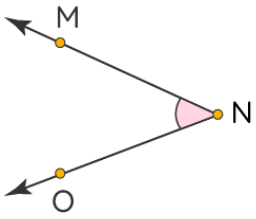


Figure 2

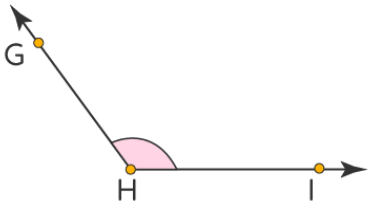
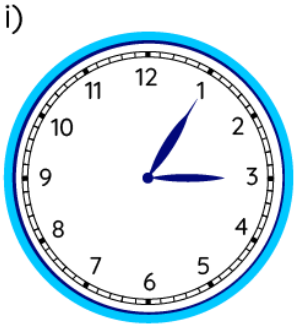
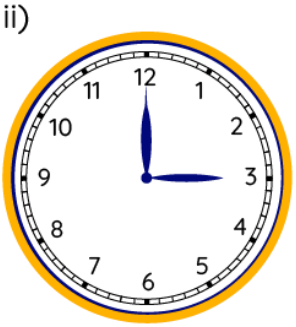


Figure 3

4) Draw and label the angle using the given information.
   a) An acute angle ∠PQR b) A straight angle ∠XYZ

5) Name the type of angles being formed between the hour and the minute hand in each of the following figures.

i)


ii)


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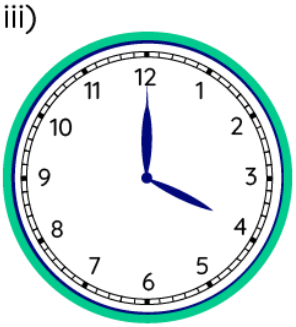

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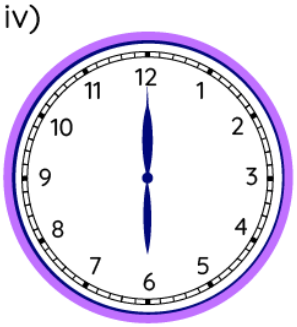
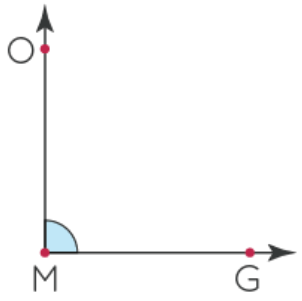
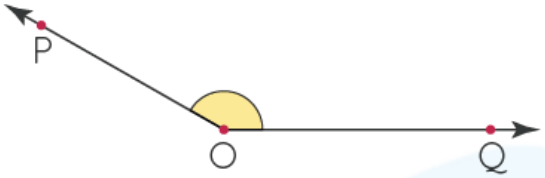


6) Measure the following angles using a protractor.





7) Choose the pair of supplementary angles:
a)140°, 80° b) 130°, 50° c) 10°, 180° d) 179°, 1°

8) State if each of the following angles are acute, obtuse, right, straight or reflex.
a) 140° b) 70° c) 180°

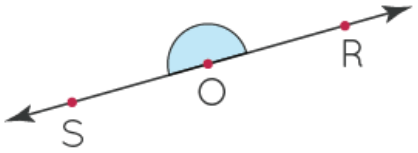
9) State if the given angles are acute, obtuse, or right.

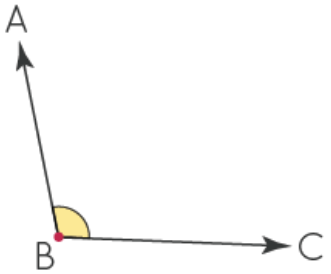
1.

2.

3.

10) Measure the following angles.





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- Barbara Cabrera

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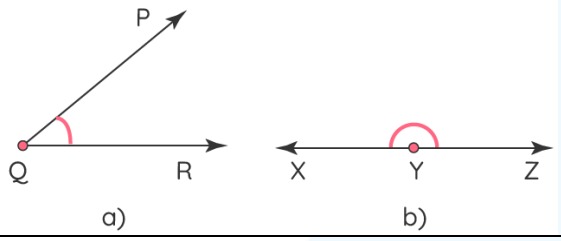
ANSWERS

1) c)	6) ∠OMG = 90°, ∠POQ = 150°
2) Make the constructions using a protractor.	7) b) and d)
3) Figure 1: ∠PQR = 90°	8) a) Obtuse angle b) Acute angle c) Straight angle
4) 	9) Obtuse angle Acute angle Obtuse angle
5) i) Acute Angle ii) Right Angle iii) Obtuse Angle iv) Straight Angle	10) ∠SOR = 180°, ∠ABC = 110°

FUN FACT

1. The sum of angles of a triangle is equal to 180°

2. The letter 'L' forms a 90° between it's standing and sleeping line.

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