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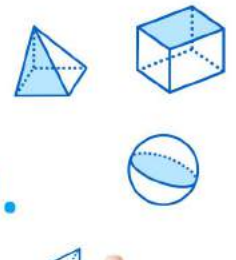

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Measuring Angles – Worksheet 4

1) What is a right angle?

2) Which of the following is a straight angle?

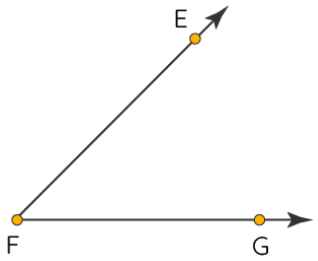


Figure 1

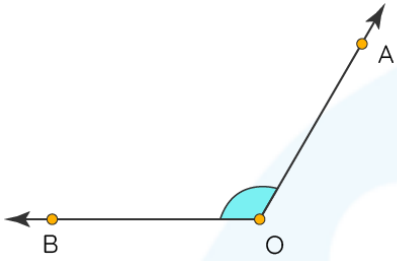


Figure 2

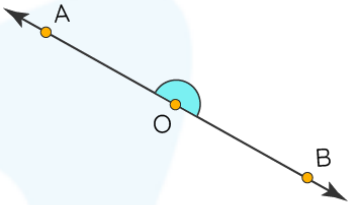
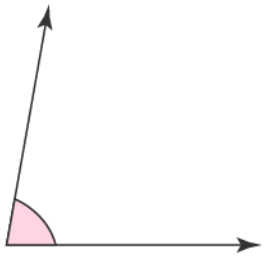


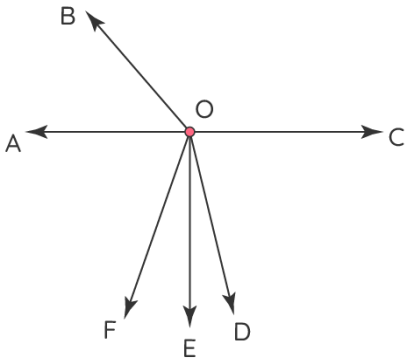
Figure 3

3) Measure the following angles using a protractor.


Angle:

Angle:

4) Identify the acute, obtuse, right and straight angles in the given figure.



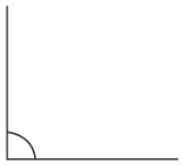
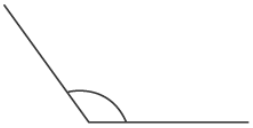
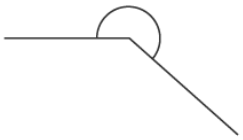
5) Construct the following angles using a protractor:
   a) 30° b) 250°

6) In the given figures below, exactly at what time do we see a right angle between the hour and the minute hand?

7) What is the complement of?

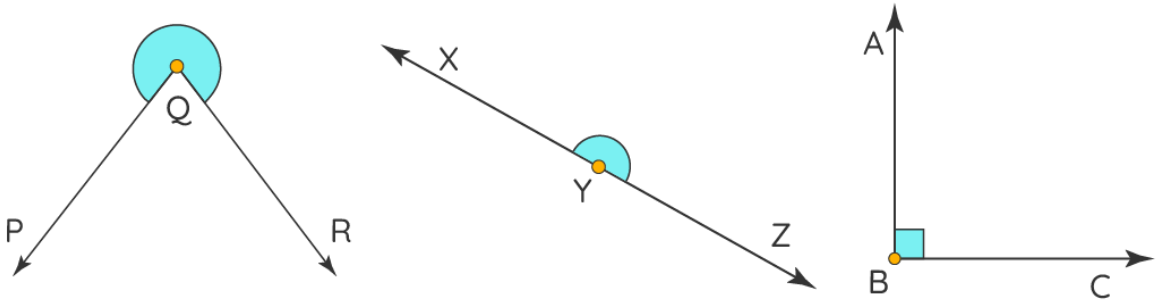
   a) 10° b) 89° c) 75° d) 55°

8) For each of the given angles, state if they are acute, obtuse, straight, right, or reflex angle.

 Angle:	Angle:	 Angle:
 Angle:	Angle:	Angle:

9) What is the measure of the smaller angle formed by the hour and the minute hand that are shown in the clock below?

10) Name the reflex angles from the given figures.



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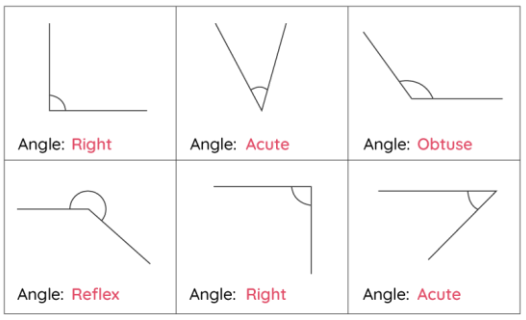
ANSWERS

1) Any angle that measures 90° is known as a right angle.	6) Figure 2 shows right angle 3pm
2) Figure 3: ∠AOB	7)a) 80° b) 1° c) 15° d) 35°
3) 80°, 160°	8) 
4) Acute angles: ∠COD, ∠DOE, ∠EOF, ∠DOF, ∠FOA, ∠BOA Obtuse angles: ∠BOC, ∠COF, ∠AOD, ∠BOF, ∠BOE, ∠BOD Right angles: ∠COE, ∠AOE Straight angles: ∠AOC	9) 150°
5) Make the constructions using a protractor.	10) ∠PQR

FUN FACT

1. Every letter in the alphabet series sets an example of angles being formed.

2. Did you know walking on a straight road forms a 180° angle?

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