1. Match the following:

(i) Straight angle (a) Less than one-fourth of a revolution

(ii) Right angle (b) More than half a revolution

(iii) Acute angle (c) Half of a revolution

(iv) Obtuse angle (d) One-fourth of a revolution

(v) Reflex angle (e) Between 1 / 4 and 1 / 2 of a revolution

(f) One complete revolution

Solutions:

(i) Straight angle = 180^0 or half of a revolution

Hence, (c) is correct answer

(ii) Right angle = 90^0 or one-fourth of a revolution

Hence, (d) is correct answer

(iii) Acute angle = less than 90^0 or less than one-fourth of a revolution

Hence, (a) is correct answer

(iv) Obtuse angle = more than 90^0 but less than 180^0 or between 1 / 4 and 1 / 2 of a revolution

Hence, (e) is correct answer

(v) Reflex angle = more than 180^0 but less than 360^0 or more than half a revolution

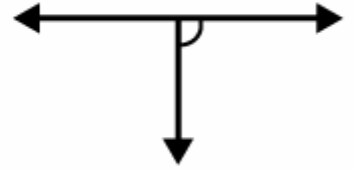Hence, (b) is correct answer

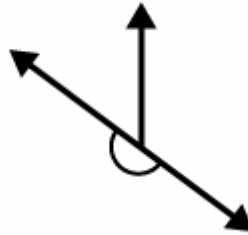**2. Classify each one of the following angles as right, straight, acute, obtuse or reflex:**

(i)   (ii)   (iii)

(iv)   (v)   (vi)

Solutions:

(i) The given angle is acute angle it measures less than 90^0

(ii) The given angle is obtuse angle as it measures more than 90^0 but less than 180^0

(iii) The given angle is right angle as it measures 90^0

(iv) The given angle is reflex angle as it measures more than 180^0 but less than 360^0

(v) The given angle is straight angle as it measures 180^0

(vi) The given angle is acute angle as it measures less than 90^0