

Exercise 5.3

Question 1:

Match the following:

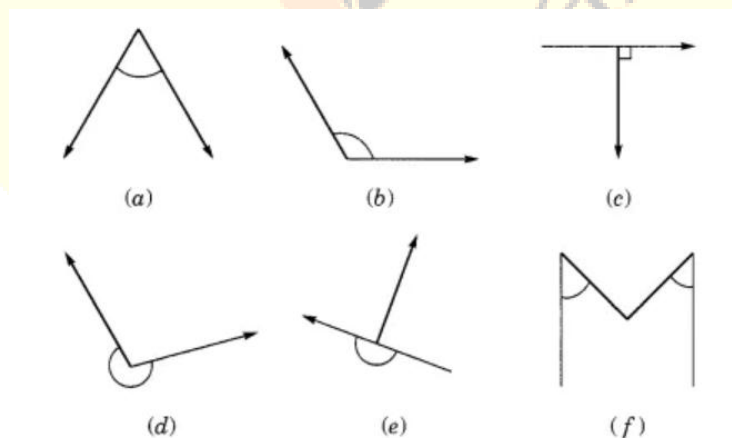
- | | |
|---|--|
| <p>(i) Straight angle</p> <p>(ii) Right angle</p> <p>(iii) Acute angle</p> <p>(iv) Obtuse angle</p> <p>(v) Reflex angle</p> | <p>(a) less than one-fourth a revolution</p> <p>(b) more than half a revolution</p> <p>(c) half of a revolution</p> <p>(d) one-fourth a revolution</p> <p>(e) between $\frac{1}{4}$ and $\frac{1}{2}$ of a revolution</p> <p>(f) One complete revolution</p> |
|---|--|

Solution:

- | | | |
|-------|---|-----|
| (i) | - | (c) |
| (ii) | - | (d) |
| (iii) | - | (a) |
| (iv) | - | (e) |
| (v) | - | (b) |

Question 2:

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



Solution:

The angles are named as follows,

- (a) Acute angle
- (b) Obtuse angle
- (c) Right angle
- (d) Reflex angle
- (e) Straight angle
- (f) Acute angle