

Board –CBSE

Class – 6th

Topic – Understanding Elementary Shapes Ex: 5.3

Exercise – 5.3

Q1. Match the following:

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|--------------------|--|
| (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 $\frac{1}{4}$ and $\frac{1}{2}$ of a revolution. |
| – | (f) One complete revolution. |

- Sol.**
- | | | |
|--------------------|---|--|
| (i) Straight angle | ↔ | (c) Half of a revolution. |
| (ii) Right angle | ↔ | (d) One-fourth of a revolution. |
| (iii) Acute angle | ↔ | (a) Less than one-fourth of a revolution. |
| (iv) Obtuse angle | ↔ | (e) Between $\frac{1}{4}$ and $\frac{1}{2}$ of a revolution. |
| (v) Reflex angle | ↔ | (f) One complete revolution, right, acute, obtuse or reflex. |

Q2. Classify each one of the following angles

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