

## Worksheet: Haloalkanes and Haloarenes

IB · Class 12 · Chemistry · 5 questions · 10 marks

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 10

**Q1.** Identify the product of  $\text{CH}_3\text{CH}=\text{CH}_2 + \text{HBr}$  in the presence of peroxide. [2 marks]

---

---

---

**Q2.** Give the IUPAC name of  $\text{CH}_3\text{CH}_2\text{CHBrCH}_3$ . [1 mark]

---

---

**Q3.** Which reacts faster with  $\text{NaOH}$ ,  $\text{CH}_3\text{CH}_2\text{Br}$  or  $(\text{CH}_3)_3\text{CBr}$ , and why? [3 marks]

---

---

---

**Q4.** Write the product when chloroform is exposed to light and air. [2 marks]

---

---

---

**Q5.** What is the major product of dehydrohalogenation of 2-bromobutane with alcoholic  $\text{KOH}$ ? [2 marks]

---

---

---