

## Worksheet: Nature of Matter: Elements, Compounds, and Mixtures

NIOS · Class 8 · Science · 4 questions · 10 marks

Name: _____	Date: _____	Score: _____ / 10
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**Q1.** Is brass an element, compound, or mixture? *[1 mark]*

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**Q2.** Which method separates iron filings from sand? *[1 mark]*

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**Q3.** Explain the difference between compound and mixture with examples. *[3 marks]*

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**Q4.** Suggest separation techniques for these mixtures: (a) sand and salt in water (b) cream from milk (c) dyes in black ink (d) pebbles from soil (e) sea water to drinking water. *[5 marks]*

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