

## Worksheet: Fractions in Disguise

Maharashtra State Board · Class 8 · Mathematics · 5 questions · 13 marks

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

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

Score: \_\_\_\_\_ / 13

**Q1.** Express 87.5% as a fraction in simplest form. [1 mark]

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**Q2.** Convert 0.5 (repeating) to fraction. [1 mark]

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**Q3.** Convert 0.272 (where 272 repeats) to a fraction in simplest form. [3 marks]

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**Q4.** Simplify:  $(x^2 - 4) / (x^2 + x - 6)$  [3 marks]

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**Q5.** Simplify:  $1/(x-1) + 1/(x+1) - 2x/(x^2-1)$  [5 marks]

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