

Recurring Decimals

Name:	Class:	Date:
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Mark	/ 5	%
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1) Convert the following to a fraction, giving your answer in its simplest form [5]

a) $0.\dot{7}$

b) $0.\dot{5}$

c) $0.8\dot{7}$

d) $0.\dot{5}7\dot{6}$

e) $0.9\dot{1}9\dot{6}$

Solutions for the assessment Recurring Decimals

1) a) $\frac{7}{9}$

b) $\frac{5}{9}$

c) $\frac{79}{90}$

d) $\frac{64}{111}$

e) $\frac{9187}{9990}$