



MNU 4-07a

Assessment 3

Gold Level



Name: _____

Score: $\frac{\quad}{5}$

Percentage: %

Class: _____

Outcome 1 - Changing recurring decimals to fractions

Express the following recurring decimal as a fraction...

 $0.8\dot{2}$ **Outcome 2 - % increase/decrease over time**

Calculate the following after appreciation/depreciation...



3% increase p.a.
Amount = £7000
Amount after 2 years?



10% decrease per hour
Temperature = 29°C
Temperature after
7 hours?

**Outcome 3 - Expressing one value as a % of the other**

An art dealer paid £900
for an oil painting.
He sold it for £990.
Express this profit as a percentage
of what he paid for the painting.



Elizabeth bought a mobile phone for £600.
She sold it a few months later for £360.
Calculate her loss as a percentage
of what she paid for the phone.

