Q1.

Convert $0.1\dot{7}\dot{2}$ to a fraction in its lowest terms.

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Answer ....

(Total 3 marks)

Q2.

(a) Show that $\dfrac{4}{9}$ is equivalent to $0.\dot{4}$

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(1)

(b)   Using part (a), or otherwise, write $0.9\dot{4}$ as a fraction.

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....Page 3...

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Answer ....

(2)
(Total 3 marks)

Q3.

(a)   Write $\dfrac{7}{13}$ as a recurring decimal.

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Answer ....

(1)

(b)   Circle the fraction that is equivalent to $0.4\dot{1}$

$\dfrac{41}{99}$ $\dfrac{41}{100}$ $\dfrac{37}{99}$ $\dfrac{37}{90}$

(1)
(Total 2 marks)

Q4.(a)   Put these in order starting with the smallest.

33.3 $\dfrac{1}{3}$ −0.3   3.03

Answer .... , ... , ... , ...

(2)

(b)   Jo thinks the difference between −0.3   and   33.3   is   33.

Is she correct?

Tick a box.

☐ Yes   ☐ No

Show   clearly   how   you   decide.

....

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(2)
(Total 4 marks)