(c) (76.5)₁₀

= (?)₅

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176 0 0

IN U

*repeats

=(301.2)5

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(e)
$$(231.78)_{10} = (?)_{5}$$

$$\begin{array}{c} = (141.21)_{5} \\ 5 & \boxed{46} \\ 5 & \boxed{9} & 1 \\ \hline 1 & 4 \\ \hline 5 & \boxed{9} & 1 \\ \hline 1 & 4 \\ \hline 2.50 \end{array}$$

$$= (1411.34\overline{2})_{5}$$
(f) $(1023.25)_{10} = (?)_{5}$

$$\begin{array}{c} = (1411.34\overline{2})_{5} \\ \hline 5 & \boxed{1023} \\ \hline 5 & \boxed{204} \\ \hline 5 & \boxed{1} \\ \hline 1 & 3 \\ \hline 5 & \boxed{1} \\ \hline 0 & 1 \\ \hline \end{array}$$

$$= (13043.\overline{1})_{5}$$
(3) Base 8
$$(3) \text{ Base 8}$$

$$(3) \text{ C245}_{10} = (?)_{6}$$