(e)
$$(231.78)_{10} = (?)_{3}$$

(f) $(1023.25)_{10} = (?)_3$

=(22120.2100...)

*repeats

=(1440)5

(b)
$$(461)_{10} = (?)_5$$

$$(c) (76.5)_{10} = (?)_5$$

 $=(301.\overline{2})_5$

(d)
$$(46.45)_{10} = (?)_{5}$$

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

 $=(141.2\overline{1})_5$

$$(f) (1023.25)_{10} = (?)_{5}$$

*repeats

(3) Base B
(a)
$$(245)_{10} = (?)_{9}$$

(b) $(461)_{10} = (?)_{8}$