Name_____

REPEATING DECIMALS #2

PART A: For each set of problems in Part A, determine which of the expressions is equivalent to the expression inside the box. Circle your answer.

1. $\boxed{\frac{2}{9}}$

a. $4.\overline{5}$ *b.* $0.4\overline{5}$ *c.* $0.\overline{2}$ *d.* $0.\overline{2}$ *e.* 2.45

2. $\boxed{\frac{2}{11}}$

a. 2.11 *b.* $0.\overline{18}$ *c.* 5.5 *d.* $0.\overline{1}8$ *e.* $0.1\overline{8}$

3. $\boxed{1\frac{5}{11}}$

a. $1.5\overline{4}$ *b.* $1.\overline{54}$ *c.* 1.45 *d.* $1.51\overline{1}$ *e.* $1.\overline{45}$

4. $\boxed{0.\overline{5}}$

a. $\frac{5}{6}$ *b.* $\frac{5}{11}$ *c.* $\frac{5}{7}$ *d.* $\frac{5}{9}$ *e.* $\frac{5}{8}$

PART B: Convert the fraction below into an equivalent repeating decimal.

5. $\boxed{\frac{7}{12}}$ = $\boxed{}$

PART C: Convert the repeating decimal below into an equivalent fraction.

6. $\boxed{0.\overline{6}}$ = $\boxed{}$