

**Rational Numbers**

A) Write each non-terminating recurring decimal as a fraction.

1)  $0.\overline{6}$  =

2)  $0.08\overline{3}$  =

3)  $1.\overline{2}$  =

4)  $0.\overline{81}$  =

5)  $0.1\overline{6}$  =

6)  $2.\overline{1}$  =

7)  $0.5\overline{4}$  =

8)  $0.0\overline{6}$  =

B) 1) Select the fraction equivalent to  $0.\overline{5}$ .

a)  $\frac{3}{13}$

b)  $\frac{5}{9}$

c)  $\frac{2}{11}$

d)  $\frac{1}{10}$

2) Which of the following is equivalent to  $0.\overline{27}$  ?

a)  $\frac{3}{11}$

b)  $\frac{2}{5}$

c)  $\frac{4}{13}$

d)  $\frac{1}{11}$

3) Choose the fraction equivalent to  $0.0\overline{45}$ .

a)  $\frac{7}{22}$

b)  $\frac{6}{11}$

c)  $\frac{1}{22}$

d)  $\frac{2}{9}$

4) Which of the following is equivalent to  $0.7\overline{3}$ ?

a)  $\frac{3}{15}$

b)  $\frac{7}{15}$

c)  $\frac{9}{15}$

d)  $\frac{11}{15}$