

## **Recurring decimal**

1. Show that recurring decimal  $0.\dot{4}5 = \frac{5}{11}$ .
2. Show that recurring decimal  $0.\dot{4}05 = \frac{45}{111}$ .
3. Show that recurring decimal  $0.\dot{7}2 = \frac{8}{11}$ .
4. Show that recurring decimal  $0.\dot{2}7 = \frac{3}{11}$ .
5. Show that recurring decimal  $0.\dot{5}4 = \frac{6}{11}$ .
6. Solve the recurring decimal  $0.\dot{6}66$
7. Solve the recurring decimal  $0.\dot{6}21$ .
8. Solve the recurring decimal  $0.\dot{9}75$ .