Recurring Decimals, One and Two Digits *Fluency* ANSWERS

Write the first six decimal places

1 $0.\dot{4}$ 0.444444

2 $0.\dot{7}$ 0.777777

3 $0.\dot{2}\dot{5}$ 0.252525

4 $0.6\dot{3}$ 0.636363

5 $0.\dot{0}\dot{9}$ 0.090909

6 $0.\dot{3}0$ 0.303030

Write as a fraction in its simplest form

7 $0.\dot{7}$ $\frac{7}{9}$

8 $0.\dot{2}$ $\frac{2}{9}$

9 $0.\dot{3}$ $\frac{1}{3}$

10 $0.\dot{5}$ $\frac{5}{9}$

11 $0.\dot{6}$ $\frac{2}{3}$

12 $0.\dot{8}$ $\frac{8}{9}$

Write as a fraction

13 $0.\dot{1}\dot{3}$ $\frac{13}{99}$

14 $0.\dot{2}\dot{9}$ $\frac{29}{99}$

15 $0.\dot{4}\dot{1}$ $\frac{41}{99}$

16 $0.\dot{5}\dot{3}$ $\frac{53}{99}$

17 $0.\dot{0}\dot{7}$ $\frac{7}{99}$

18 $0.\dot{8}\dot{6}$ $\frac{86}{99}$

Write as a fraction in its simplest form

19 $0.\dot{2}\dot{7}$ $\frac{3}{11}$

20 $0.\dot{4}\dot{5}$ $\frac{5}{11}$

21 $0.\dot{1}\dot{8}$ $\frac{2}{11}$

22 $0.\dot{1}\dot{5}$ $\frac{5}{33}$

23 $0.\dot{2}\dot{4}$ $\frac{8}{33}$

24 $0.\dot{0}\dot{9}$ $\frac{1}{11}$

Write as a fraction in its simplest form

25 $0.\dot{4}$ $\frac{4}{9}$

26 $0.\dot{7}\dot{2}$ $\frac{8}{11}$

27 $0.\dot{1}$ $\frac{1}{9}$

28 $0.\dot{3}\dot{9}$ $\frac{13}{33}$

29 $0.\dot{0}\dot{3}$ $\frac{1}{33}$

30 $0.\dot{9}\dot{0}$ $\frac{10}{11}$