

Pages 37-38 — Equivalent Fractions and Decimals

1)

0.07	$\frac{7}{1000}$
0.007	$\frac{7}{10}$
0.7	$\frac{7}{100}$

(1 mark)

2) $\frac{11}{1000}$ should be circled.

(1 mark)

3) $\frac{3}{100} = 0.03$, so $0.3 > \frac{3}{100}$

(1 mark)

$$\frac{9}{1000} = 0.009, \text{ so } 0.09 > \frac{9}{1000}$$

(1 mark)

4) $0.417 = \frac{417}{1000}$, $\frac{39}{100} = 0.39$

$$\frac{249}{1000} = 0.249, 0.63 = \frac{63}{100}$$

(2 marks for all four correct.

Otherwise 1 mark for two or three correct.)

5) $\frac{111}{200} = \frac{555}{1000}$ (1 mark)

$$\frac{111}{200} = 0.555 \text{ (1 mark)}$$

6) $\frac{97}{500} = \frac{194}{1000} = 0.194$

(1 mark)

7) $\frac{8}{25} = \frac{32}{100} = 0.32$ (1 mark)

8) $\frac{1}{5} = \frac{2}{10} = 0.2$

$$1\frac{7}{20} = 1\frac{35}{100} = 1.35$$

$$\frac{49}{50} = \frac{98}{100} = 0.98$$

$$\frac{7}{250} = \frac{28}{1000} = 0.028$$

(2 marks for all four correct.

Otherwise 1 mark for two or three correct.)