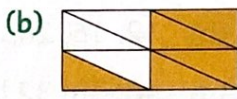# 10 Fractions

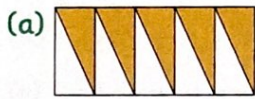**1** What fraction of each shape is (i) yellow? (ii) white?
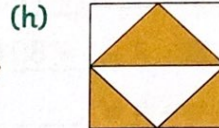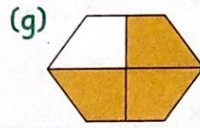
(a)

(b)

(c)

(d)

(i) _____ (ii) _____   (i) _____ (ii) _____   (i) _____ (ii) _____   (i) _____ (ii) _____
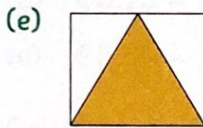
(e)

(f)

(g)

(h)

(i)

(i) _____ (ii) _____   (i) _____ (ii) _____   (i) _____ (ii) _____   (i) _____ (ii) _____

2 Express each fraction in an equivalent form. Hint: there may be more than one correct answer.

(a) $\frac{6}{8}$ = _____   (b) $\frac{5}{10}$ = _____   (c) $\frac{2}{8}$ = _____   (d) $\frac{2}{2}$ = _____

(e) $\frac{2}{4}$ = _____   (f) $\frac{10}{10}$ = _____   (g) $\frac{1}{2}$ = _____   (h) $\frac{1}{4}$ = _____

3 Put these fractions in order starting with the **smallest**.

(a) $\frac{1}{2}, \frac{1}{4}, \frac{1}{8}$ _____
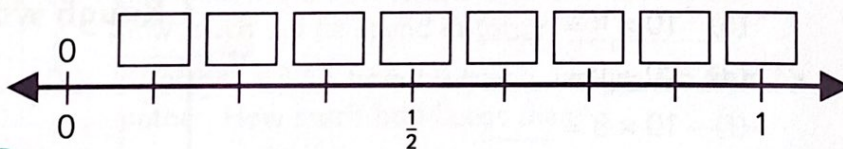
(b) $\frac{1}{8}, \frac{6}{8}, \frac{8}{8}$ _____

(c) $\frac{1}{2}, \frac{4}{10}, \frac{3}{8}$ _____

(d) $\frac{1}{2}, \frac{8}{8}, \frac{8}{10}$ _____

4 Write a fraction in each space on the number line.

Choose from these fractions: $\frac{1}{4}, \frac{3}{4}, \frac{1}{8}, \frac{3}{8}, \frac{5}{8}, \frac{7}{8}, \frac{5}{10}, \frac{10}{10}$

Rough work

5 Solve these.

(a) $\frac{1}{8}$ of 72 _____

(b) $\frac{1}{10}$ of 70 _____

(c) $\frac{1}{4}$ is 7, so $\frac{4}{4}$ is _____

(d) $\frac{1}{10}$ is 9, so $\frac{10}{10}$ is _____

6 (a) Ali ate three eighths of his pizza. What fraction has he left? _____

(b) In a box of 48 apples, $\frac{1}{8}$ are red and the rest are green. How many red apples are there? _____

(c) One day, $\frac{1}{10}$ of the children were absent from class. If there were three children absent, how many children are in the class altogether? _____

Score: 45