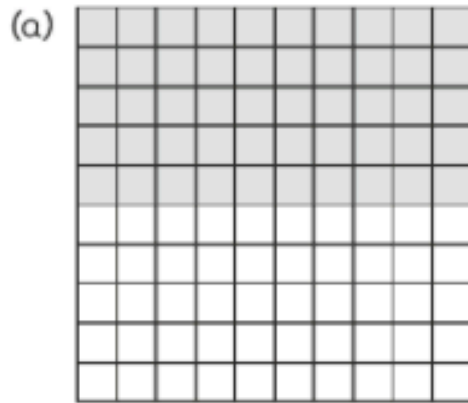


# Worksheet 1

## Comparing Quantities

1 Fill in the blanks.

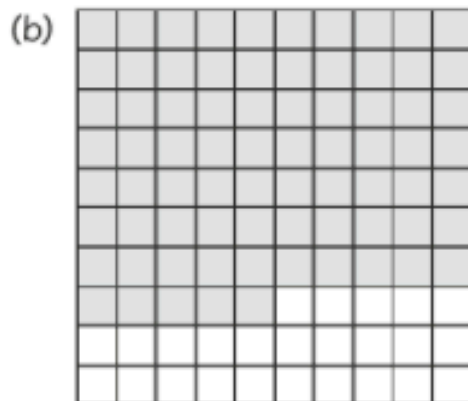


(i) What fraction of the box is shaded?

$$\frac{50}{100} = \frac{1}{2}$$

(ii) What percentage of the box is shaded?

50%



(i) What fraction of the box is shaded?

$$\frac{75}{100} = \frac{3}{4}$$

(ii) What percentage of the box is shaded?

75%

2 Lulu put 100 marbles in a box. 65 of the marbles are blue and the rest are yellow.

(a) What percentage of the marbles in the box are blue?

65%

(b) What percentage of the marbles in the box are yellow?

35%

3 In a box of 100 beads, there are 8 purple beads, 51 red beads and the rest are green.

(a) What percentage of the beads are purple?

8%

(b) What percentage of the beads are red?


51%

(c) What percentage of the beads are green?

41%

4 On Monday morning, there were 100 visitors at the zoo. 42 of the visitors were adults and the rest were children. What percentage of the visitors on Monday morning were children?

58%

 Match the fractions to the equivalent decimals.

$$\frac{2}{5}$$


$$\frac{1}{25}$$

$$\frac{1}{4}$$

$$0.04$$

$$0.4$$

$$0.25$$

 Use your knowledge of known fractions to convert the fractions to decimals. Show your method for each one.

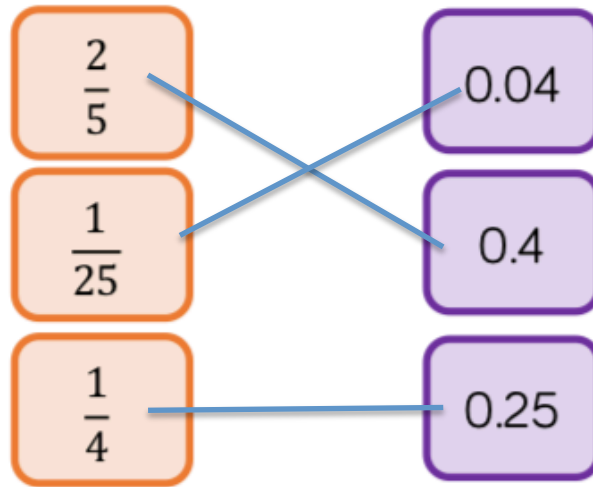
$$\frac{7}{20}$$

$$\frac{3}{4}$$

$$\frac{2}{5}$$

$$\frac{6}{200}$$

Match the fractions to the equivalent decimals.



Use your knowledge of known fractions to convert the fractions to decimals. Show your method for each one.

$\frac{7}{20}$	$\frac{3}{4}$	$\frac{2}{5}$	$\frac{6}{200}$
0.35	0.75	0.4	0.03