

Ratio and proportion

A. Here is a tile pattern



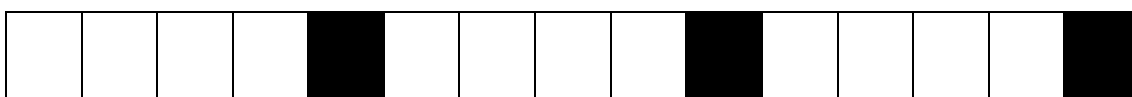
1. What is the ratio of black tiles to white tiles?
2. What is the proportion of black tiles?

B. Here is a tile pattern



1. What is the ratio of black tiles to white tiles?
2. What is the proportion of black tiles?

C. Here is a tile pattern

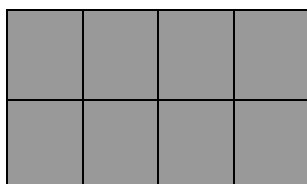
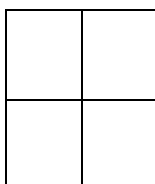


1. What is the ratio of black tiles to white tiles?
2. What is the proportion of black tiles?

D. When Paul picks strawberries he eats 1 for every 5 he puts into the basket.

1. What is the ratio of strawberries in the basket to strawberries eaten?
2. What fraction (proportion) of the strawberries picked does Paul eat?

E. Here are two shapes.



1. What is the ratio of white to shaded squares?
2. What proportion of the total number of squares is shaded?
3. What fraction of the big shape is the small one?
4. What fraction of the small shape is the big one?