

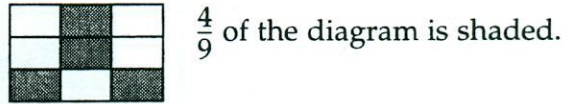
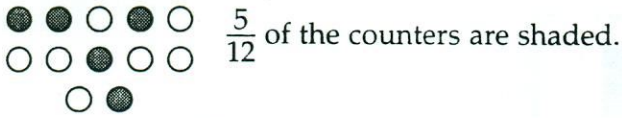
Lesson #4

2.2 The Meaning of Fractions

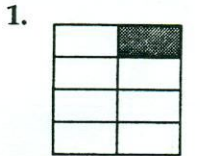
MATHPOWER™ Seven, pp. 42-43

A fraction can name parts of a group.

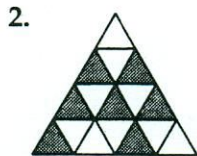
A fraction can also name parts of a whole.



Write the fraction of each diagram that is
 a) shaded.
 b) not shaded.



- a) _____
 b) _____



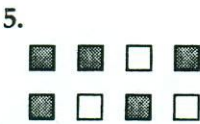
- a) _____
 b) _____



- a) _____
 b) _____



- a) _____
 b) _____

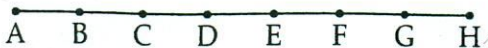


- a) _____
 b) _____



- a) _____
 b) _____

The line is divided into equal parts.



What fraction of the whole line is the distance between these points?

7. AD _____ 8. AF _____
 9. BA _____ 10. AG _____
 11. GB _____ 12. EA _____

13. When Malcolm emptied his coin bank, he found the following coins.



Write a fraction to represent the number of each coin as part of the total number.

- a) dollars _____ b) quarters _____
 c) dimes _____ d) nickels _____

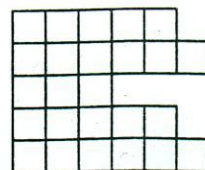
14. What fraction of the letters in your first name are vowels?

15. What fraction of the letters in your first name are consonants?

16. Draw a diagram to show each fraction as part of a whole.

- a) $\frac{1}{4}$ b) $\frac{3}{7}$

17. There are 25 squares in the pattern.



What fraction of the squares have these numbers of edges free?

- a) 1 edge b) 2 edges c) 3 edges