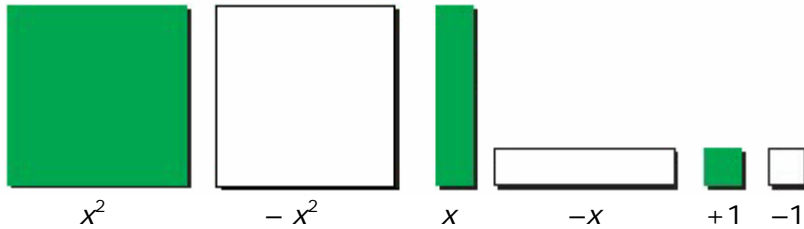


CHAPTER 3 Polynomials

3.1 Build Algebraic Models Using Concrete Materials

Length Models With Algebra Tiles

Algebra Tiles





Example:

Model each length using algebra tiles.

- a) 5 m
- b) An unknown distance plus 2 m.

Solution:

a) 5 m can be modelled using 5 unit tiles. 

b) An unknown distance can be modelled using an x -tile. Add 2 unit tiles for the 2 m. 

Practice:

Model each of the following using algebra tiles.

1. Knut ran an unknown distance around the block three times and then ran 4 m up the sidewalk to his house.
2. Sunita swam four lengths of a pool and then 3 m across a wading pool.

Answers:

