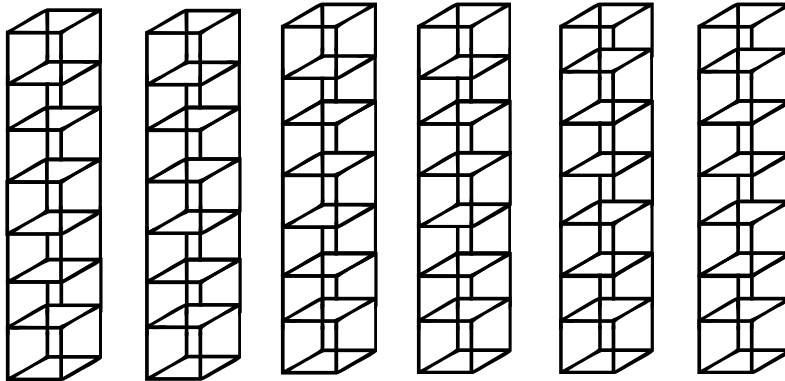## Division and Finding Unknown Factors - Guided Lesson Explanation
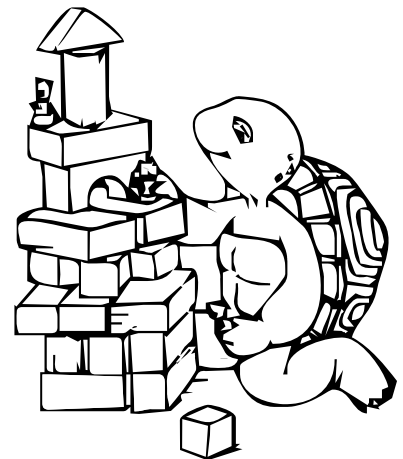
Explanation to #1

We can see that there are 6 groups of 7 blocks each that makes 42 blocks.

We can list facts for multiplying by 6 until we reach 42.

$1 \times 6 = 6$ $5 \times 6 = 24$
$2 \times 6 = 12$ $6 \times 6 = 36$
$3 \times 6 = 18$ $7 \times 6 = 42$
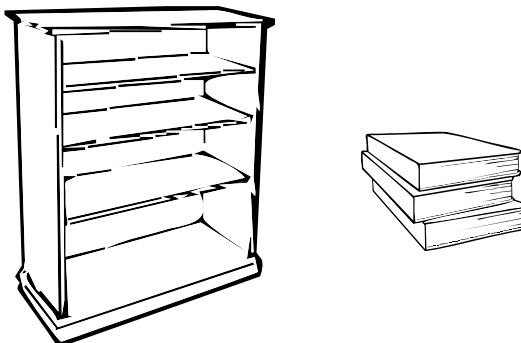$4 \times 6 = 24$

Kelly put 7 blocks in each pillar.

Explanation to #2

Each bookshelf can handle 10 books. How many shelves would be needed to hold 40 books?

We can list facts for multiplying by 10 until we reach 40.

$$1 \times 10 = 10$$
$$2 \times 10 = 20$$
$$3 \times 10 = 30$$
$$4 \times 10 = 40$$

The librarian needs 4 bookshelves to manage 40 books.

Explanation to #3

We can see that there are 3 giftboxes of 6 muffins each that makes 18 muffins.

We can list facts for multiplying by 6 until we reach 18.

$$1 \times 6 = 6$$
$$2 \times 6 = 12$$
$$3 \times 6 = 18$$

The Baker should use 3 giftboxes.