

Possible Solution

- a) Linda has 70 sparkly rocks in her collection. Kevin gave her 8 more sparkly rocks. How many sparkly rocks does Linda have? Draw a picture to model your solution and record your answer with a number sentence.

Sample Solution Using a Strip Diagram

70 rocks + 8 rocks = ____ rocks

Amount Linda has now

?	
70	8

Amount Kevin gave her

$70 + 8 = 78$

Linda has 78 sparkly rocks now.

Sample Solution Using an Open Number Line

70 rocks + 8 rocks = ____ rocks

$70 + 8 = 78$

Linda has 78 sparkly rocks now.

- b) The first grade class is playing a game of softball outside. There are 2 teams of 10 children and 2 extra children to be umpires. How many children are in the 1st grade class? Draw a picture to model your solution and record your answer with a number sentence.

Sample Solution Using Base-10 Models

2 teams of 10 children + 2 children = ____ children

Tens	Ones

$20 + 2 = 22$

The first grade class has 22 children.

Sample Solution Using Place Value Disks

2 teams of 10 children + 2 children = ____ children

Tens	Ones

$20 + 2 = 22$

The first grade class has 22 children.