

3.3 Multiplicative Comparison

Use Cuisenaire Rods to represent each problem situation. Sketch your representation and write an equation to show your solution to the problem.

1. The zoo has 3 times as many spiders as snakes in its “meet the animals” exhibit. There are 2 snakes in the exhibit. How many spiders are there?

2. The Fernando family walked twice as far as the Chen family to get to the picnic site. The Fernando family walked 4 km. How far did the Chen family walk?

3. The garden has 4 times as many vegetable plants as flower plants. There are 3 sunflowers in the garden. How many tomato plants are there?

3.3 Additive Comparison

Use Cuisenaire Rods to represent each problem situation. Use your representations to talk about how these problems are different from the “times as many” problems you solved above.

1. There are 4 dogs at the shelter. There are two more cats than dogs.

2. There is one fish in the pond. There are two more frogs than fish.

3. Aisha has 3 jelly beans. Alex has two more jelly beans than Aisha.
