1. Amy owned 5 cats. Her grandma owned three times as many. Both women find 20 cats and split them evenly. How many cats does grandma have?

2. You and your cousin combined have 4 sisters. Your cousin has 6 times as many siblings as you, but three are brothers. How many sisters do you each have? (You have no brothers).

3. You drive 20 miles to work and then your friend Amy's house. The drive to work is 10 miles less than to Amy's house. How far is it to each place?

4. A rectangle has a length of 6\text{m} and perimeter of 24\text{m}. What is the height?

5. The volume of a cylinder is 18\text{m}^2 and the surface area is 30\text{m}^2. Find the radius and height.

6. Simon has $500 to spend. He wants to buy his girlfriend Amy a new couch for $360, and he wants to buy himself 4 bandanas for $25 each. How much money will he have left? Can he afford to buy 4 gold-leaved bandanas for $35 each?