

QUESTION
 A 65-year-old male patient with a long history of hypertension and a recent diagnosis of type 2 diabetes mellitus is being treated with lisinopril and metformin. He has been experiencing increasing fatigue and weakness over the past few weeks. His most recent laboratory tests show a hemoglobin level of 10.5 g/dL and a hematocrit of 32%. The patient's diet is generally healthy but he has been eating less recently due to his symptoms.

ANSWER
 The patient's symptoms and laboratory findings are consistent with iron deficiency anemia. The low hemoglobin and hematocrit levels indicate a decrease in the oxygen-carrying capacity of the blood. The patient's diet, while generally healthy, may not be providing sufficient iron, especially if he has been eating less. The presence of fatigue and weakness further supports the diagnosis of anemia.

ANSWERS



QUESTION
 A 45-year-old male patient with a long history of hypertension and a recent diagnosis of type 2 diabetes mellitus is being treated with lisinopril and metformin. He has been experiencing increasing fatigue and weakness over the past few weeks. His most recent laboratory tests show a hemoglobin level of 10.5 g/dL and a hematocrit of 32%. The patient's diet is generally healthy but he has been eating less recently due to his symptoms.

ANSWER
 The patient's symptoms and laboratory findings are consistent with iron deficiency anemia. The low hemoglobin and hematocrit levels indicate a decrease in the oxygen-carrying capacity of the blood. The patient's diet, while generally healthy, may not be providing sufficient iron, especially if he has been eating less. The presence of fatigue and weakness further supports the diagnosis of anemia.