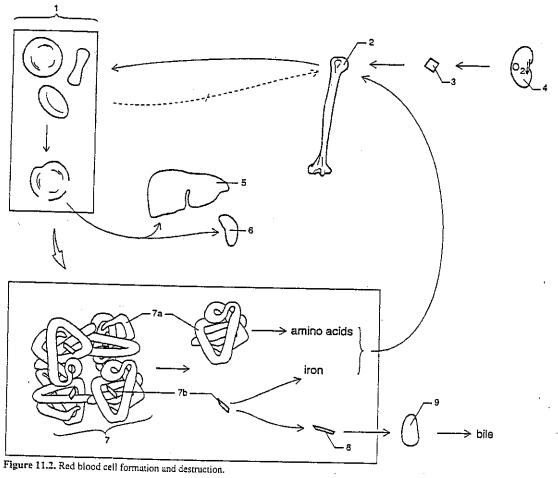
B. Red Blood Cells

Color and label:

- 1. O red blood cells (red)
- 2. O bone (marrow)
- 3. O erythropoietin
- 4. O kidney
- 5. O liver
- 6. O spicen

The second secon

- 7. hemoglobin
 a. O globular polypeptide chain
 b. O heme (porphyrin ring + iron)
- 8. O bilirubin
- 9. O gallbladder



Exercise 11.2:	
	1. Red blood cells are made in the when stimulated by the hormone
	2. Erythropoietin forms when O ₂ levels in the kidney are (high, low).
	A high red blood cell count (stimulates, inhibits) further red blood cell production.
	4. Old or damaged red blood cells are destroyed by the and
	5. Red blood cells contain the oxygen-carrying protein
	6. Hemoglobin contains four chains, each with a central
•	7. When hemoglobin breaks down, what happens to its components?
	a. globular polypeptide chains
	b. iron (from heme)
	c. porphyrin ring (from heme)