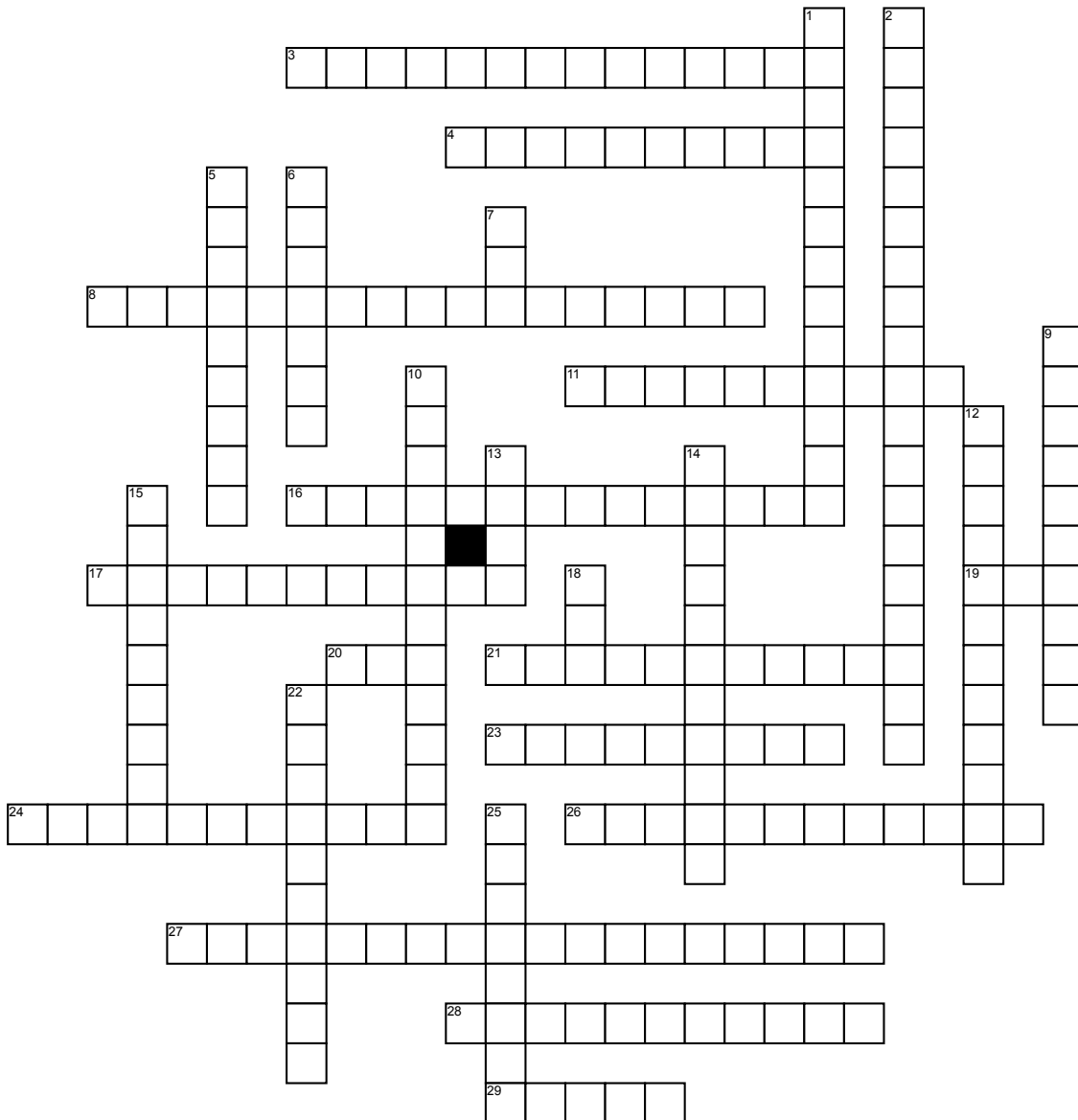


# Ch.18 Blood Crossword



## Across

**3.** System that consists of the heart and vessel

**4.** Red pigmented macromolecule that can transport CO<sub>2</sub> via amino acid components

**8.** Tissues that produce blood cells (begins in the yolk sack of embryo)

**11.** White blood cells (WBC)

**16.** Negative feedback cycle; RBC count & Hb concentration indicates amount of O<sub>2</sub> blood can carry

**17.** Iron is removed from the heme portion via this process...

**19.** Most abundant formed element; bioconcave shape; anuclear (Abbreviation)

**20.** CRUCIAL to our defense against disease; conspicuous nuclei (abbreviation)

**21.** Granular leukocyte function that is most abundant

**23.** Low oxygen level in the blood

**24.** Breaks down old RBCs (IN SPLEEN) & recycles their Hb ; janitors

**26.** Ejects its nucleus

**27.** Blood formation in bone marrow

**28.** System that consists of the heart, blood vessels, & blood

**29.** Remaining fluid when blood clots & all solids are removed (similar to plasma, except lacks fibrinogen)

## Down

**1.** More grainy

**2.** Blood formation in lymphatic organs

**5.** Granular leukocyte function that is the most rare

**6.** Oxygen deficiency at tissue level

**7.** Cells w/ capacity to develop into several different types of cells (abbreviation)

**9.** Percentage of RBCs out of total blood volume

**10.** Red blood cells (RBCs)

**12.** Multiply and synthesize hemoglobin (Hb)

**13.** Metallic taste in blood

**14.** Process where the formed elements in the blood develop

**15.** Less grainy

**18.** Special stem cells only producing one class of formed element (abbreviation)

**22.** Study of blood

**25.** Carries blood AWAY from the heart