How can a suspension be separated?

Lesson Review

Complete the following.

1. A device that separates a suspension by spinning it at high speeds is called a _____
2. Chemicals in your body cause your blood to _____ when you cut your finger.
3. Paper and other substances with tiny pores or holes are called _____
4. If you mix sand, clay, and water, the _____ will settle first.
5. Adding _____ to particles in a suspension makes them heavier.
6. Use of a centrifuge greatly _____ the rate at which a suspension settles.
7. Substances that cannot pass through a filter have particles _____ than the openings in the filter.
8. The use of chemicals to make the particles in a suspension clump together is called _____.
9. The larger the particles in a suspension, the _____ they settle out.
10. The separation of particles in a suspension by passing it through paper or other substances is called _____.

Skill Challenge

Skills: *comparing, relating*

Identify whether each statement describes separation of a suspension by filtration, coagulation, or a centrifuge by placing an X in the correct column.

Description	Filtration	Coagulation	Centrifuge
1. Particles stick together.			
2. Particles are caught on paper.			
3. Motion causes particles to be pulled out of a suspension.			
4. Chemicals are added to the suspension.			

LIVEWORKSHEETS