2nd Grade Solids & Liquids

Read and answer each question carefully.

1) Which one of these is a solid?
   A) cloth
   B) dish soap
   C) water
   D) oil

2) Which one of these is a liquid?
   A) water
   B) plastic triangle
   C) popsicle stick
   D) wire

3) Which property of a liquid does this bottle show?
   A) viscous
   B) foamy
   C) opaque
   D) translucent
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4) Which solid is flexible?
   A) rubber tube
   B) metal screw
   C) popsicle stick
   D) lima bean

5) To separate a mixture of rice, salt and water, you will need to_______.
   A) use screens only
   B) use screens and hands
   C) use evaporation only
   D) use screens and evaporation

6) All liquids___________________.
   A) keep their shape
   B) flow
   C) are viscous
   D) have color

7) Which solid gets bigger when it is placed in water?
   A) popsicle stick
   B) wire
   C) salt
   D) raisin
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8) A liquid that you can see through is called ________________.
   A) translucent
   B) transparent
   C) foamy
   D) viscous

9) What tool would be best to use when separating a mixture of solids?
   A) vial
   B) evaporation
   C) screen
   D) cup
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10) Which bottle shows what the liquid's level will be when the bottle is tipped over and is laying on its side?

A) 1  
B) 2  
C) 3  
D) 4

11) How would you classify 2 or more materials together in a jar?

A) as a mixture  
B) as a solid  
C) as a solution  
D) as a liquid
12) What will happen to salt water when left in an open container for a long period of time? The water will _____________.

A) evaporate
B) stay the same
C) separate
D) become foamy

13) Which property means you can see through it?

A) viscous
B) translucent
C) has color
D) transparent

14) Which material takes the shape of a container?

A) pinto beans
B) wire
C) plastic triangle
D) water
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15) When water is added to vegetable oil ________________.
   A) it does nothing
   B) it separates
   C) it dissolves
   D) it mixes

16) The surface of a liquid always ______ ______ with the ground, even after the container is tipped.
   A) becomes solid
   B) remains level
   C) becomes foamy
   D) makes tornados

17) Which word best describes a property of rubber tubing?
   A) rigid
   B) flexible
   C) flat
   D) viscous

18) Liquids and solids are both ___________.
   A) the same
   B) rigid
   C) properties
   D) matter
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19) Which of these is a solid that dissolves when mixed with water?

A) raisins
B) popsicle stick
C) cookie
D) cloth

20) A science notebook is a good place to record your __________.

A) math homework
B) observations and data
C) computer passwords
D) lunch menu