



## TAKS Objective 1, 2A

**Student Expectation 2A:** plan and implement investigative procedures including asking questions, formulating testable hypotheses, and selecting equipment and technology

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**1**

Which of the following is **BEST** suited for transferring 8 mL of distilled water from one beaker into another beaker?

- A 1 mL titration tube    C A 10 mL pipette  
B A 50 mL beaker        D A 100 mL flask

**2**

Albert places 1 goldfish in each of 4 5-gallon aquariums. The temperature of the water in the first aquarium is 15°C, the temperature of the water in the second aquarium is 20°C, the temperature of the water in the third aquarium is 25°C, and the temperature of the water in the fourth aquarium is 30°C. Albert observes the activity levels of the four goldfish for two weeks. What question was Albert **MOST** likely trying to answer in his experiment?

- F What effect does water pH have on the activity levels of goldfish?  
G What effect does water salinity have on the activity levels of goldfish?  
H What effect does water temperature have on the activity levels of goldfish?  
J What effect does aquarium size have on the activity levels of goldfish?

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**Answers**

1. C    2. H