

WorksheetCloud: WORKSHEET

Grade 9

Subject: Natural Sciences

Topic: Introduction to Acids and Bases

Activity 1

List all the different ways you can group these items.



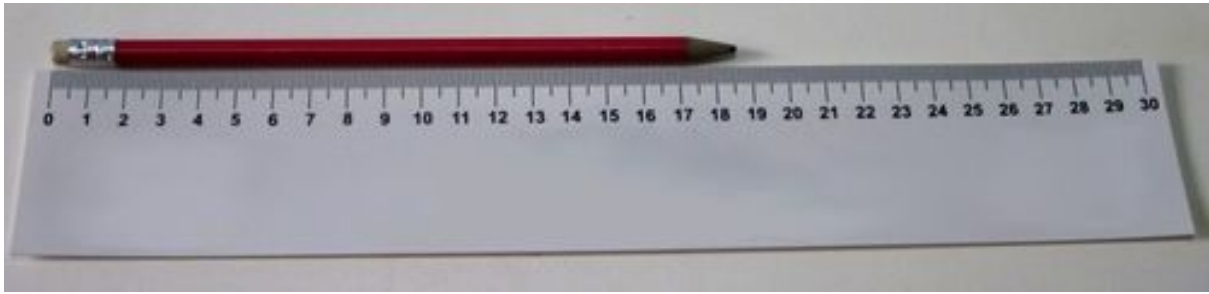
Activity 2

What would you measure with each of these instruments

Activity 3

What is the measurement of this meencil?



Activity 4

14			
13		Bleach	Orange juice
12		Soapy water	Vinegar
11		Ammonia solution	Water
10		Milk of magnesia	Baking soda
9		Baking soda	Bleach (jik)
8		Sea water	Citric acid - Vitamin C
7		Distilled water	Cooking oil
6		Urine	Soap
5		Black coffee	Stomach acid
4		Tomato juice	Lemon juice
3		Orange juice	Ammonia
2		Lemon juice	Solution table salt
1		Gastric acid	
0			

- 4.1 Which of the substances in the table can you find on the pH scale above?
- 4.2 Write their names and approximate pH values in the table.
- 4.3 Sequence the above substances according to the colour change of the universal indicator, from the most acidic (darkest red) to the most basic (purple).