

1.) Multiply and reduce to lowest form and convert into a mixed fraction:

(i) $7 \frac{3}{5}$ (ii) $4 \frac{1}{3}$ (iii) $2 \frac{6}{7}$ (iv) $5 \frac{2}{9}$

2.) Find $\frac{1}{2}$ of I) 24 ii) 46

3.) Which is greater

$\frac{2}{7}$ of $\frac{3}{5}$ or $\frac{3}{5}$ of $\frac{5}{8}$

Solve similar type of questions from your school book.

Science

Science HW chapter 5----- 14/08/2020

1. Abhay has a few bottles of soft drink in his restaurant. But, unfortunately, these are not labelled. He has to serve the drinks on the demand of customers. One customer wants acidic drink, another wants basic and third one wants neutral drink. How will Abhay decide which drink is to be served to whom?

Ans. Abhay can decide with the help of litmus paper:

(i) The drink which would turn a red litmus blue would be basic.

(ii) If the drink turns a blue litmus to red would be acidic.

(iii) The drink which would not affect both red and blue litmus would be neutral.

2. Explain why an antacid tablet is taken when you suffer from acidity.

Ans- We take an antacid such as milk of magnesia to neutralizes the excessive acid released in stomach.

3. How toothpaste helps in protecting our teeth from decay?

Ans- The bacteria in our mouth reacts with the food and release a very weak acid, toothpaste contains a base calcium carbonate which neutralizes the acid and prevents the tooth from decay.

4. Explain why Calamine solution is applied on the skin when an ant bites?

Ans - Ant injects an acidic liquid (Formic acid) into the skin on biting which causes inflammation, to the skin. The effect of the acid can be neutralized by rubbing. Calamine solution which contains zinc carbonate which is very weak base and causes no harm to the skin.

5. Factory waste is neutralized before disposing it into the water bodies.

Ans. -The wastes of factories contain acids. If acids are disposed off in the water body, the acids will harm the organisms. So factory wastes are neutralized by adding basic substances

6. Why we apply vinegar or lemon juice on wasp sting?

Ans- Wasp sting is alkaline, its effect is neutralized by acid such as lemon juice or vinegar.

Social Science

H. W

Answer the following question in short

Q1- Why did Iltutmish choose Rajiya for the new Sultan of Delhi?

Q2- What were the customs introduced by Ghiyas ud din Balban?

Q3- Which Tughlaq ruler assumed the title of Giasuddin Tughlaq?

Q4- Name two mosques built by Qutub-ud-din Aibak.

Q5- Who was the founder of the Khalji Dynasty?

Q6- Name the ruler who introduced the espionage system.

Q7- Who was the founder of the Slave Dynasty?

Q8- Who founded the Chahalgani (group of forty nobles)?

Note :- Write all the answers in fair/ c.w copy

NAME: _____

DATE: _____

GRAMMAR WORKSHEET

ADJECTIVES (Describing Places)



ADJECTIVE	OPPOSITE	ADJECTIVE	OPPOSITE	ADJECTIVE	OPPOSITE
beautiful	ugly	large	small	relaxing	stressful
bright	dark	modern	traditional	spacious	cramped
clean	dirty	neat	messy	terrific	terrible
empty	crowded	new	old	unusual	ordinary
interesting	boring	quiet	noisy	well-known	unknown

- Fill in the blanks below to complete the sentences. Use the words in the box above.

- I like to study at our school library. It isn't noisy, it's very quiet.
- Many people from all over the world visit that museum. It's quite _____.
- Our living room has many large windows, so it's _____, especially in the morning.
- Many people eat at that restaurant. It's always _____. It's never empty.
- My apartment building is very _____. I live on the 36th floor.
- The park near my home is _____. It has many flowers and trees.
- I don't like that shopping mall. There's nothing to do there. It's _____.
- My bedroom was too _____, so my mother asked me to pick up my toys.
- That department store was built just a few months ago. It's _____.
- My home isn't unusual, it's really quite _____.
- The fish market in our town is the same as fish markets a hundred years ago. I guess you could say it's very _____.
- Unfortunately, my office is too noisy, busy and crowded, so it's _____.
- There's a _____ coffee shop near here. I really think it's great! Let's go.
- Hospitals are always very _____. They're not dirty.
- A: Is your new home spacious? B: No, it's small and _____.