

33. What is the least number which, added to 292463, gives a number exactly divisible by 75?

34. What is the smallest prime number that can be expressed by five figures?

35. The sum of two numbers is 686; their common factor is 7; the difference between the other two factors is 16. What are the numbers?

36. What number is that to which, if  $\frac{2}{3}$  of itself be added, the sum will be 192?

37. A certain coin is made of 22 parts copper and 4 parts alloy. What fractional unit does the copper represent?

38. Take away \$20 more than  $\frac{3}{4}$  of my money, and \$30 less than  $\frac{3}{4}$  of it will remain. How much money have I?

39. Find three numbers less than 125 which are multiples of both 12 and 18.

40. A boy can dig 18 bushels of potatoes in a day; and he can pick 45 bushels in a day. How many bushels can he dig and pick in 3 days?

#### COMPOUND AND COMPLEX SENTENCES.

It is extremely useful for a class to be practised in taking apart compound and complex sentences into the separate simple statements of which they are made up, and in putting together simple statements into combined forms—and this, not with any reference to defining the grammatical character of the sentences, but simply to show the different shape which may be given in expression to what is substantially the same thing, and to impart a sense of the variety of style in composition.

*Separate statement :*

The boy had been called. He came at once.

*Combined statement :*

1. The boy had been called, and came at once.

2. The boy, when he had been called, came at once.

3. The boy who had been called came at once.

*Separate statement :*

A frog had seen an ox. She wanted to make herself as big as he. She attempted it. She burst asunder.

*Combined statement :*

1. A frog had seen an ox, and wanted to make herself as big as he; but when she attempted it she burst asunder.

2. A frog that had seen an ox, and wanted

to make herself as big as he, burst asunder when she attempted it

3. When this frog burst asunder, she was wishing and attempting to make herself as big as an ox which she had seen.

4. Because a frog, when she had seen an ox, wanted to make herself as big as he, and attempted it, she burst asunder.

5. It is said that a frog, having seen an ox, wanted to make herself as big as he, and burst asunder in the attempt.

*Separate statement, for various combination :*

A crow stole a piece of cheese. It had lain in a cottage window. She had discovered it there. She flew into a tree. The cheese was in her beak. A fox observed this. He came near. He sat under the tree. He began to praise the crow. He said this: "Your feathers are of a lovely color. I never saw any so beautiful. This is true. You have a fine shape. Your air is quite elegant. I never heard your voice. It must be sweet. I am sure of it. A melodious voice always goes along with such beauty. In that case no other bird can compare with you." The crow was delighted. She wriggled about on the branch. She put on graceful airs. She thought: "My voice is as fine as my feathers. I will show this to the fox." She opened her mouth. She was going to sing. The cheese dropped. The fox was watching for this. He caught the cheese. It had not yet touched the ground. He ran off with it to his hole. His family were there. They all ate it together. He told them the story. They laughed at the crow's silly vanity.

#### LESSON ON PUNCTUATION MARKS.

1. THE Comma [,] marks the smallest division of a sentence, and usually represents the shortest pause.

2. The Semicolon [;] separates such parts of a sentence as are somewhat less closely connected than those divided by a comma, and represents a longer pause.

3. The Colon [:] separates parts of a sentence less closely connected than those which are divided by a semicolon, and represents a longer pause.

4. The Period [.] is placed at the close of a declarative sentence, and usually represents a full stop. It must be used after every abbreviated word; as, Geo Stevens, Esq.

5. The Interrogation Point [?] shows that a question is asked; as, Do you love wild roses?