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NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION

Solutions for sample questions

Class : 3

Mathematics


1. (B)  = 15

$\Rightarrow 5 + 5 + 5 = 15$

\therefore  = 5

 = 

\Rightarrow  = 5

\therefore  = 5 + 5 = 10

2. (A) Given each \bigcirc stands for 2 children.

Total number of children = 40

Number children shown in the graph

$= 2 \times 16 = 32$

\therefore Number of children whose favourite activity is skating = 40 - 32 = 8

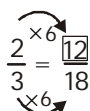
3. (A) Tanya reaches school at 8 o'clock and she is 1 hour late.

\Rightarrow Her school starts 1 hour before 8 o'clock = 7 o'clock.

Among the given options, (A) is the correct answer.

4. (B) $10 \times 100 = 1000$

5. (A) Total no. of parts in the figure = 18



3 out of 12 parts are already shaded. So,

the number of parts to be shaded
= 12 - 3 = 9.

General Science

6. (B) A microscope is used to observe tiny things like microorganisms and stomata.

7. (B) In the given figure ice absorbs heat and melts to form liquid. Liquid on cooling changes to ice. 'X' - Melting and 'Y' - Freezing.

8. (C) Brain is a part of nervous system. Veins circulatory system. Stomach digestive system and kidneys are parts of excretory system.

9. (A) In the given figure arrows represent the movement of food.

10. (B) In the given process arrow 1 represent heat, 2- cooling, 3 - heating 4- heating