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| **OXFORD INTERNATIONAL SCHOOL IQBAL CAMPUS**  **4th CHECK POINT 2024**  **Name: \_\_\_\_\_\_\_\_\_\_\_\_\_ Grade: VII Subject: Mathematics. /25** |

**Q1 (a): Multiple Choice Questions. /5**

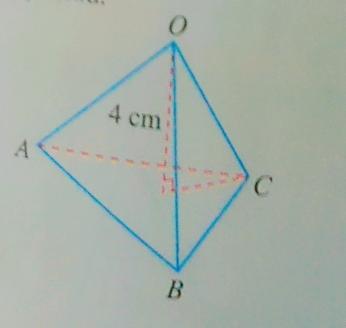
1. The Great Pyramids built by the Egyptians in Giza, Egypt around the year \_\_\_\_\_\_ BC.
2. 2560 b. 2561 c. 3560 d. 3561
3. Volume of Pyramid = \_\_\_\_\_\_\_\_
4. Base area x height b. base area c. base are d. lxb
5. Volume of cylinder = \_\_\_\_\_\_\_\_
6. Area of cross section X height b. base area X height c. πr2h d. all of the option a,b,c are correct.
7. Curved surface area of cone = \_\_\_\_\_\_
8. Base area x height b. πrl c. both a and b d. constant

1. Volume of sphere = \_\_\_\_\_\_
2. πr3 b. base area c. l2 d. finite

**Q1 (b): Multiple Choice Questions. /5**

1. Surface area of sphere = \_\_\_\_\_\_\_\_
2. Area of rectangle = \_\_\_\_\_\_\_
3. Area of square = \_\_\_\_\_\_\_
4. The formula of average or Mean = \_\_\_\_\_\_\_\_
5. The symbol ∑ indicates summation and is used as a shorthand notation for the \_\_\_\_\_\_\_ of terms that follow a pattern.

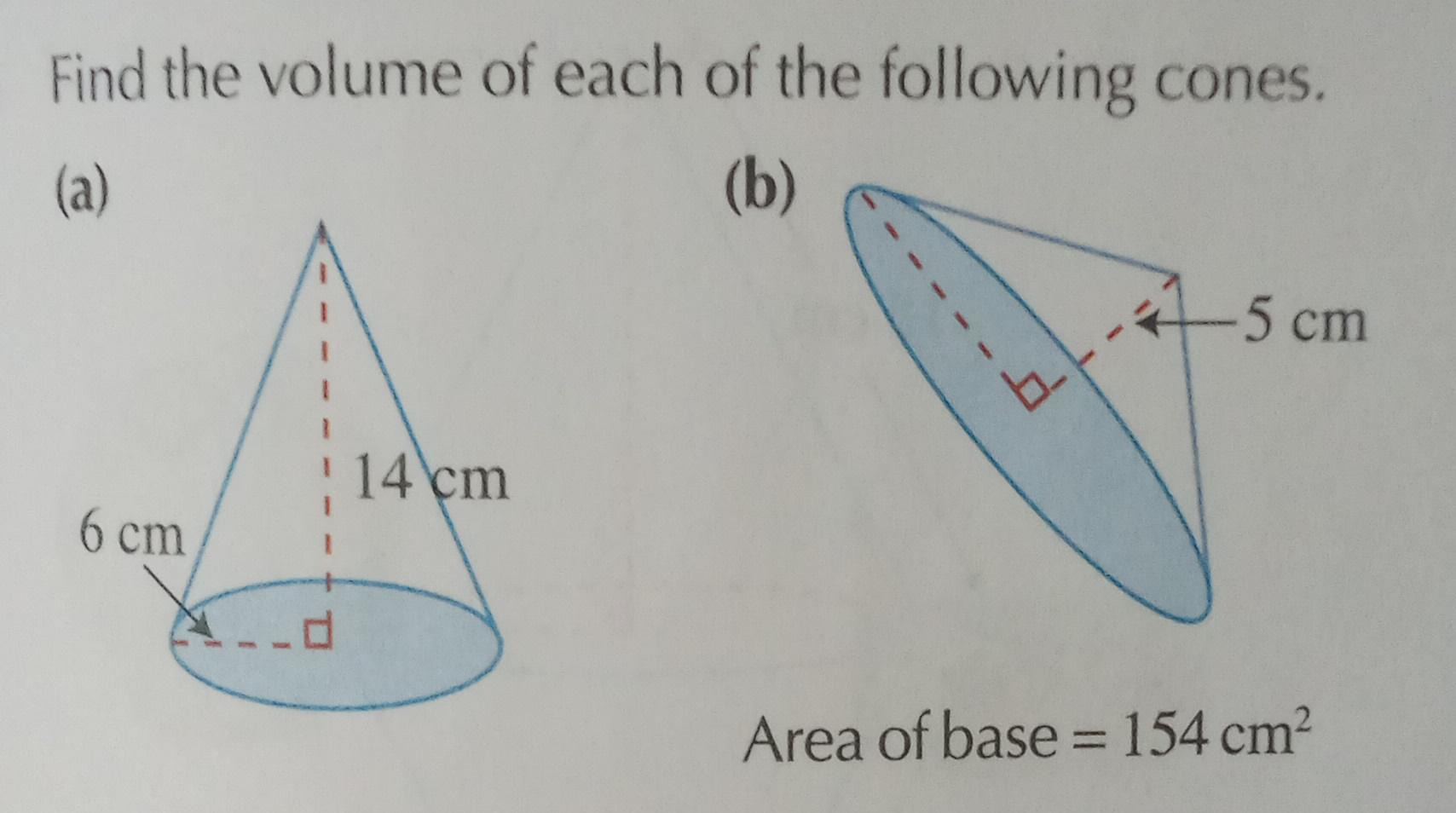
**Q2: OABC** is a triangular pyramid with a base area of 15cm2 and a height of 4cm. Find the **/3**



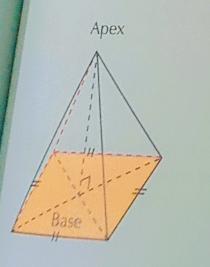
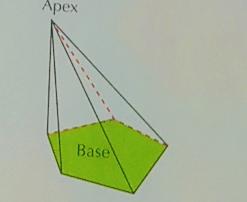
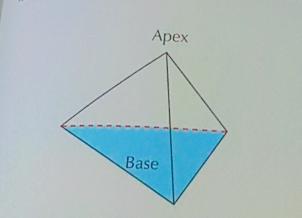
Volume of the triangular pyramid.

**Q3: The number of passengers on coaches travelling along 12 popular scenic routes are /3 29,42,45,39,36,41,38,43,35,32 and 40. Find the mean number of passengers on the coaches.**

**Q4: /4**



**Q5: Naming the types of Pyramid.** **/1.5**

**Q6: The number of goals scored per match by a team during a soccer league season was recorded.**

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| Number of goals scored per match. | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Number of matches. | 6 | 8 | 5 | 6 | 2 | 2 | 1 |

Find **/3.5**

1. The total number of matches played,
2. The total number of goals scored,
3. The mean number of goals scored per match by the team.