

Q1. Three boys step off together from the same spot. Their steps measures 46 cm, 46 cm and 77 cm ,respectively. What is the minimum distance(cm) each should cover so that all can cover distance in complete steps?

- A. 3074
- B. 3542
- C. 3111
- D. 3732

Q2. If two tankers contain 584 litres and 1241 litres of kerosene oil respectively, then the maximum capacity(litres) of a container which can measure the kerosene oil out of both the tankers when used an exact number of times is _____.

- A. 100
- B. 45
- C. 73
- D. 90

Q3. If a collection of items is to be organized into groups of 2, 7, 8, and 13 items each, what is the minimum number of items in the collection?

- A. 729
- B. 721
- C. 728
- D. 732

Q4. If a collection of items is to be organized into groups of 3, 6, 11, and 16 items each, what is the minimum number of items in the collection?

- A. 539
- B. 525
- C. 528
- D. 546

Q5. What is the length, in cm, of the longest tape that can exactly measure the three dimensions of an object with dimensions of 335 cm, 871 cm, and 1206 cm for its length, width, and height respectively?

- A. 81
- B. 63
- C. 75
- D. 67

Q6. If two tankers contain 1582 litres and 1695 litres of kerosene oil respectively, then the maximum capacity (litres) of a container which can measure the kerosene oil out of both the tankers when used an exact number of times is _____.

- A. 143
- B. 142
- C. 113
- D. 92

Q7. Three boys step off together from the same spot. Their steps measure 39 cm, 41 cm and 66 cm, respectively. What is the minimum distance (cm) each should cover so that all can cover distance in complete steps?

- A. 35178
- B. 34602
- C. 35833
- D. 35929

Q8. Three boys step off together from the same spot. Their steps measures 47 cm, 53 cm and 71 cm ,respectively. What is the minimum distance(cm) each should cover so that all can cover distance in complete steps?

- A. 177055
- B. 177046
- C. 177304
- D. 176861

Q9. If two tankers contain 1528 litres and 3629 litres of kerosene oil respectively, then the maximum capacity(litres) of a container which can measure the kerosene oil out of both the tankers when used an exact number of times is_____.

- A. 191
- B. 221
- C. 174
- D. 211

Q10. If a collection of items is to be organized into groups of 3, 7, 10, and 16 items each, what is the minimum number of items in the collection?

- A. 1673
- B. 1680
- C. 1692
- D. 1685

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Answer Sheet

Q1. B	Q2. C	Q3. C
Q4. C	Q5. D	Q6. C
Q7. A	Q8. D	Q9. A
Q10. B		

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