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IMO Level 1 Class 5 Set B 2019 Higher Questions and Answers Part 4

23. Which of the following statement (s) is/are true?

(i) Predecessor of 6 million is fifty-nine lakh ninety-nine thousand nine hundred and ninety-nine.

(ii) Estimated value of largest 6-digit number rounded to the nearest hundreds is smallest 7-digit number.

A. Only (i)

B. Only (ii)

C. Both (i) and (ii)

D. Neither (i) nor (ii)

24. Add the 4th multiple of 52 and the 8th multiple of 37. The value obtained is 700 less than, then find the value _____.

A. 1400

B. 504

C. 968

D. 1204

25. How many angles are greater than right angle in the given figure?
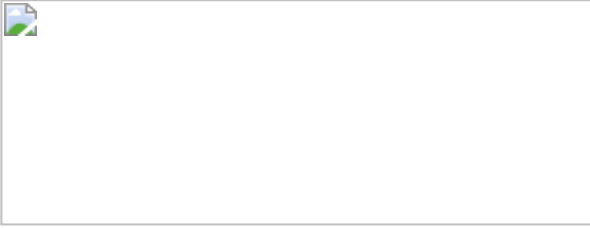
A. 5

B. 6

C. 4

D. None of these.

26. Devika works 45 hours in five days from Monday to Friday. If she worked $4\frac{1}{2}$ hours on Tuesday, 9 hours on Thursday and $5\frac{1}{2}$ hours on Friday, then for how many hours did she work on Monday and Wednesday together?

A. 11 $\frac{1}{2}$ hours

B. 26 hours

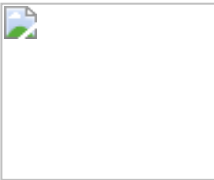C. 18 $\frac{1}{2}$ hours

D. 15 hours

27. If

and

, then what is the value of

?

A. 400

B. 475

C. 465

D. 480

28. Four fifth of a number is 20 more than two third of the same number. Find the number.

A. 145

B. 55

C. 150

D. 75

29. What is the difference between the length of the pair of scissors and the nail?
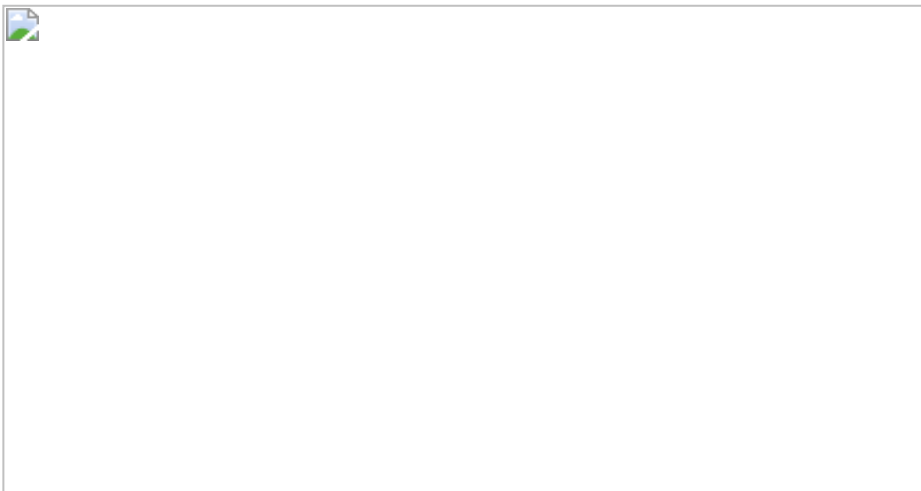
A. 1.4 cm

B. 10.5 cm

C. 0.14 cm

D. 1.2 cm

30. In the given figure, VSRQ is a square and PUTV is a rectangle. The area of the square VSRQ is $400 cm^2$ and the perimeter of the complete figure is 150 cm. find the length of PQ.

A. 24 cm

B. 41 cm

C. 55 cm

D. 30 cm

31. Which of the following figures have at least one line of symmetry?

A. Only P and Q

B. Only Q and R

C. Only P and R

D. All of these