

Examrace

Estimation and Sequence: Practice Questions Competitive Exams

Glide to success with Doorsteptutor material for competitive exams : **get questions, notes, tests, video lectures and more-** for all subjects of your exam.

1. Which of the following is not a whole number followed by its square?

- a. 1,1
- b. 6,36
- c. 8,64
- d. 10,100
- e. 11,144

Answer: e

2. A nurse has to record her temperatures in Celsius but her thermometer reads Fahrenheit. A patient's temperature is 100.7° F. What is the temperature in $^{\circ}$ C?

- a. 32° C
- b. 36.5° C
- c. 38.2° C
- d. 213.3° C
- e. 223.7° C

Answer: c

3. Art realized that he had 2 more quarters than he had originally thought in his pocket. If all of the change in his pocket is quarters and it totals to \$ 8.75, how many quarters did he originally think were in his pocket?

- a. 27
- b. 29
- c. 31
- d. 33
- e. 35

Answer: d

4. There are 12 more apples than oranges in a basket of 36 apples and oranges. How many apples are in the basket?

- a. 12

- b. 15
- c. 24
- d. 28
- e. 36

Answer: c

5. Which of the following correctly identifies 4 consecutive odd integers where the sum of the middle two integers is equal to 24?

- a. 5,7, 9,11
- b. 7, 9,11, 13
- c. 9, 11,13, 15
- d. 11, 13,15, 17
- e. 13, 15,17, 19

Answer: c

6. What is the next number in the sequence? 6, 12,24, 48, _____

- a. 72
- b. 96
- c. 108
- d. 112
- e. 124

Answer: b

7. Which of the following numbers could be described in the following way: An integer that is a natural, rational and whole number?

- a. 0
- b. 1
- c. 2.33
- d. -3
- e. none of the above

Answer: b

8. What is the next number in the following pattern? $1, \frac{1}{2}, \frac{1}{4}, \frac{1}{8},$ _____

- a. $\frac{1}{10}$
- b. $\frac{1}{12}$
- c. $\frac{1}{14}$
- d. $\frac{1}{15}$
- e. $\frac{1}{16}$

Answer: e

9. Of the following units, which would be most likely to measure the amount of sugar needed in a recipe for 2 dozen cookies
- a. degrees Celsius
 - b. milliliters
 - c. quarts
 - d. kilograms
 - e. cups

Answer: e

Developed by: [Mindsprite Solutions](#)