Math Section > Practice Drill 1 - All SSAT Levels

A. Read each question carefully. Choose and pick one answer ONLY. Don't forget to time yourself!

1. The sum of five consecutive positive integers is 30. What is the square of the largest of the five positive integers?

(A) 16 (B) 25 (C) 32 (D) 64 (E) 80

2. How many factors does the number 24 have?

(A) 2 (B) 4 (C) 6 (D) 8 (E) 10

3. If 12 is a factor of a certain number, what must also be factors of that number?

(A) 2 and 6 only
(B) 3 and 4 only
(C) 12 only
(D) 1, 2, 3, 4, and 6
(E) 1, 2, 3, 4, 6, and 24

4. What is the smallest number that can be added to the number 1,024 to produce a result divisible by 9 ?

(A) 1 (B) 2 (C) 3 (D) 4 (E) 6

5. Which of the following is a multiple of 3 ?

(A) 2 (B) 6 (C) 10 (D) 14 (E) 16

6. Which of the following is NOT a multiple of 6 ?

(A) 12 (B) 18 (C) 23 (D) 24 (E) 42

7. Which of the following is a multiple of both 3 and 5 ?

(A) 10 (B) 20 (C) 25 (D) 45 (E) 50

8. A company's profit was $75,000 in 1972. In 1992, its profit was $450,000. The profit in 1992 was how many times as great as the profit in 1972 ?

(A) 2 (B) 4 (C) 6 (D) 10 (E) 60

9. Joanna owns one-third of the pieces of furniture in the apartment she shares with her friends. If there are 12 pieces of furniture in the apartment, how many pieces does Joanna own?

(A) 2 (B) 4 (C) 6 (D) 8 (E) 12

Exercises taken from The Princeton Review (2021) SSAT & ISEE Prep 2022. Penguin Random House. New York. US.
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10. A tank of oil is one-third full. When full, the tank holds 90 gallons. How many gallons of oil are in the tank now?

(A) 10 (B) 20 (C) 30 (D) 40 (E) 50

11. Tigger the Cat sleeps three-fourths of every day. In a four-day period, he sleeps the equivalent of how many full days?

(A) $\frac{1}{4}$ (B) $\frac{3}{4}$ (C) 1 (D) 3 (E) 4

12. Which of the following has the greatest value?

(A) $\frac{1}{4}+\frac{2}{3}$ (B) $\frac{3}{4}-\frac{1}{3}$ (C) $\frac{1}{12}\div\frac{1}{3}$ (D) $\frac{3}{4}\times\frac{1}{3}$ (E) $\frac{1}{12}\times 2$

13. $\frac{1}{2}+\frac{2}{3}+\frac{3}{4}+\frac{1}{2}+\frac{1}{3}+\frac{1}{4}=$

(A) $\frac{3}{4}$ (B) 1 (C) 6 (D) 3 (E) 12

14. The product of 0.34 and 1,000 is approximately ___.

(A) 3.50 (B) 35 (C) 65 (D) 350 (E) 650

15. 2.398 = ___

(A) $2\times\frac{9}{100}\times\frac{3}{10}\times\frac{8}{1000}$

(B) $2+\frac{3}{10}+\frac{9}{1000}+\frac{8}{100}$

(C) $2+\frac{9}{100}+\frac{8}{1000}+\frac{3}{10}$

(D) $\frac{3}{10}+\frac{9}{100}+\frac{8}{1000}$

(E) None of the above

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