

SAT Grid In

3



3

DIRECTIONS

For questions 16-20, solve the problem and enter your answer in the grid as described below, on the answer sheet.

- Although not required, it is suggested that you write your answer in the boxes at the top of the columns to help you fill in the circles accurately. You will receive credit only if the circles are filled in correctly.
- Mark no more than one circle in any column.
- No question has a negative answer.
- Some problems may have more than one correct answer. In such cases, grid only one answer.
- Mixed numbers** such as $3\frac{1}{2}$ must be gridded as 3.5 or $7/2$. (If $\begin{array}{|c|c|c|} \hline 3 & 1 & / & 2 \\ \hline \end{array}$ is entered into the grid, it will be interpreted as $\frac{31}{2}$ not $3\frac{1}{2}$.)
- Decimal answers:** If you obtain a decimal answer with more digits than the grid can accommodate, it may be either rounded or truncated, but it must fill the entire grid.

Write answer in boxes. →

Grid in result. →

Answer: $\frac{5}{12}$

5	/	1	2
0	0	0	
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Fraction line

Answer: 3.25

3	.	2	5
0	0	0	
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Decimal point

Acceptable ways to grid $\frac{2}{3}$ are:

2	/	3	
0	0	0	
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7

.	6	6	6
0	0	0	
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7

.	6	6	7
0	0	0	
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7

Answer: 212 - either position is correct.

2	1	2	
0	0	0	
1	1	1	1
2	2	2	2

2	1	2	
0	0	0	
1	1	1	1
2	2	2	2

NOTE: You may start your answers in any column, space permitting. Columns you don't need to use should be left blank.

CONTINUE →

SAT Grid In

16

$$-7 + a = 3$$

Given the above equation, what is the value of $10 - [(a - 3) - 7]$?

17

Three is subtracted from two thirds of the number k and the difference is doubled. If the result is ten more than one third of the number, what is the value of k ?

18

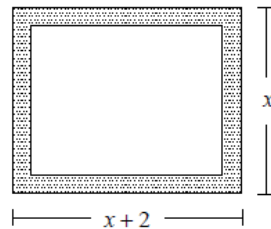
$$\begin{aligned} 6x + ky &= 3 \\ y &= 1 - 2x \end{aligned}$$

For what value of k will the system of equations above have infinitely many solutions?

19

If $\frac{-2x^2 + 5x + 10}{-x + 4} = 2x + 3 - \frac{A}{-x + 4}$, what is the value of A ?

20



A rectangular picture, represented by the unshaded region in the figure above, is mounted in a rectangular frame, represented by the shaded region. The frame is 1 inch wide on all sides. For what value of x , in inches, is the area of the picture twice the area of the frame?

SAT Grid In

Answers

SAT Practice Test 1 – No Calculator

16. 10 17. 16 18. 3 19. 2 20. 10