Brain International School
Vikas Puri, New Delhi

SUBJECT: MATHEMATICS **CLASS:VI** **NOVEMBER 2026**

COMPUTATIONAL THINKING WORKSHEET

CH-7 Fractions

1. Aashay scored the following marks in 3 subjects:

Dance: $\frac{22}{25}$

Maths: $\frac{41}{50}$

Science: $\frac{93}{100}$

Arrange the three subjects in descending order of how well he performed in them.

a) Maths-Science-Dance

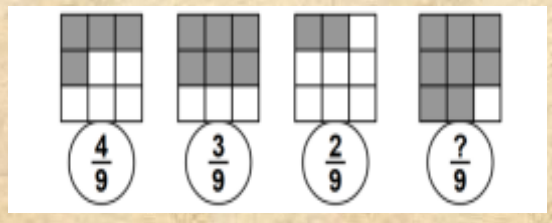
b) Science-Maths-Dance

c) Science-Dance-Maths

d) Maths-Dance-Science

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2. What will come in place of "?"



a) 1 b) 8 c) 9 d) 5

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3. Arrange the given fractions in ascending order. Which option can be placed exactly in the middle of the new arrangement so that the order remains ascending?

$\frac{10}{15}, \frac{8}{9}, \frac{17}{18}, \frac{5}{6}$

a) $\frac{68}{90}$ b) $\frac{71}{90}$ c) $\frac{77}{90}$ d) $\frac{84}{90}$

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4. Two numbers, $\frac{23}{18}$ and $\frac{7}{54}$ are taken. A binary operation is performed on them and the result obtained is $\frac{31}{27}$. What operation might have been performed on the numbers taken?

a) Addition b) Subtraction c) Multiplication d) None of these

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5. **In a class of 50 students, 20 are boys and the remaining are girls. Of the girls in the class, one third like singing and two-thirds like dancing. Some girls like both singing and dancing. If 5 girls like neither singing nor dancing, what fraction of the girls like both activities?**

a) $\frac{1}{3}$ b) $\frac{1}{4}$ c) $\frac{1}{5}$ d) $\frac{1}{6}$

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6. **Tim has some sons, some daughters, and 27 grandchildren. $\frac{2}{3}$ of his children are male and the rest are female. Each of his sons has 2 sons and 1 daughter. Each of his daughters has 2 daughters and 1 son. How many daughters does Tim have?**

a) 2 b) 3 c) 6 d) 9

7. **Some numbers appear in a series as shown below:**

$\frac{1}{2}, \frac{3}{4}, 1, \frac{5}{4}, \frac{3}{2}, \frac{7}{4}$...

Which of the following statements is definitely true regarding the above sequence?

a) The seventh term of the series would be 5/2

b) The difference between the sixth and eighth terms would be 3/4

c) The product of seventh and tenth terms is 20/4

d) The sum of the ninth and eleventh terms is 22/4

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8. **Aman and Samarth appear for an exam and each of them attempts all the questions.**

Aman says: "$\frac{1}{3}$ rd of my answers were wrong"

Samarth says: "5 of my answers were wrong"

If both of them together get 3/4th of the answers right, how many questions did Aman get right?

a) 20 b) 30 c) 10 d) 15

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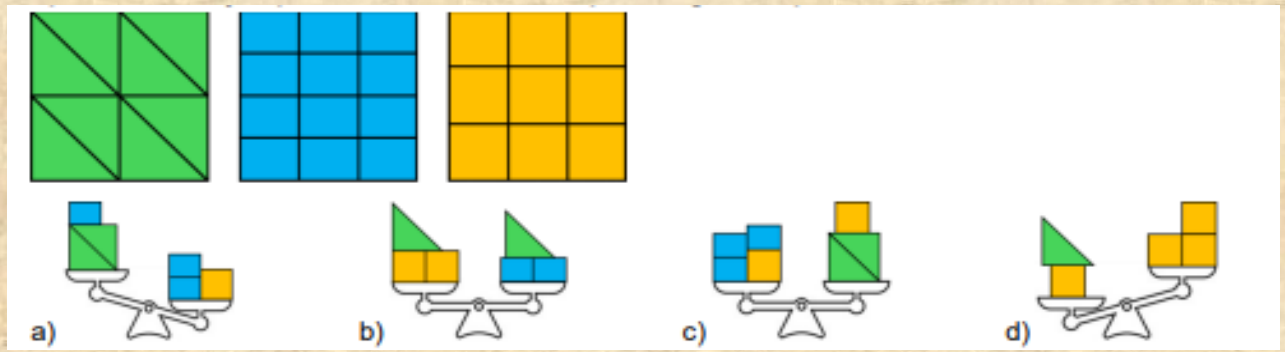
9. **Raju's age is $\frac{2}{3}$ of his brother's age. Currently, if one of them is 30 years old, which of these options DOES NOT represent the possible age of Raju's brother?**

a) 45 years b) 30 years c) 27 years d) None of these

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10. **The figure shows three square bricks of the same weight; each divided into equal pieces.**

Which option correctly represents the relationship among these pieces?



The Thinking Spot

A always lies on Tuesdays, Wednesdays, and Saturdays but tells the truth on all other days.
B always lies on Tuesdays, Fridays, and Sundays but tells the truth on all other days.
Today, A tells C, "Yesterday, I was lying."
Today, B also tells C, "Yesterday, I was lying."
If A told the truth to C and B lied to C, which day is today?

(a) Sunday (b) Wednesday (c) Thursday (d) Saturday

