



Test / Exam Name: Ch7_fraction

Standard: 6th

Subject: Mathematics

Student Name: _____

Section: _____

Roll No.: _____

Questions: 18 Time: 00:40 hh:mm Marks: 30

Instructions

1. Instructions 1. Things to do: 1. Keep the timer and note it down. 2. Make sure that handwriting is proper. 3. Password of the Paper/ Question Paper will be shared only 5 mins prior to the exam. So, kindly ask for the password, when you are ready for the test. 4. Make sure to submit the test paper as per the allotted time. 5. As soon as you complete the paper, send the pdf to me or assigned faculty on your respective WhatsApp group or make a pdf and send it on contact@swottersacademy.com Thank you.

SECTION-A

Q1. Mark the correct alternative of the following: **1 Mark**

A fraction equivalent to $\frac{30}{45}$ is:

A $\frac{3}{4}$

B $\frac{3}{2}$

C $\frac{2}{3}$

D None of these.

Q2. Mark the correct alternative of the following: **1 Mark**

Which of the following fractions is the smallest?

$\frac{1}{2}, \frac{3}{7}, \frac{3}{5}, \frac{4}{9}$

A $\frac{4}{9}$

B $\frac{3}{5}$

C $\frac{3}{7}$

D $\frac{1}{2}$

Q3. Mark the correct alternative of the following: **1 Mark**

Which of the following fractions is the smallest?

$\frac{5}{9}, \frac{4}{9}, \frac{2}{9}, \frac{11}{9}$

A $\frac{11}{9}$

B $\frac{4}{9}$

C $\frac{5}{9}$

D $\frac{2}{9}$

Q4. Mark the correct alternative of the following: **1 Mark**

The smallest of the fractions $\frac{3}{5}, \frac{2}{3}, \frac{5}{6}, \frac{7}{10}$ is:

A $\frac{2}{3}$

B $\frac{3}{5}$

C $\frac{5}{6}$

D $\frac{7}{10}$

Q5. Mark the correct alternative of the following: **1 Mark**

If $\frac{a}{b} = \frac{4}{3}$, then the value of $\frac{6a+4b}{6a-5b}$ is:

A -1

B 3

C 4

D 5

Q6. Fill in the blanks with fractions. **1 Mark**

Four friends ordered 3 glasses of sugarcane juice and shared it equally among themselves. Each one drank ____ glass of sugarcane juice.

Q7. Fill in the missing fractions: **1 Mark**

$\square - \frac{5}{27} = \frac{12}{27}$

Q8. Mark the correct alternative of the following: **1 Mark**

If $\frac{1}{5} - \frac{1}{6} = \frac{4}{x}$, then x =

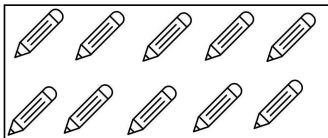
A -120

B -100

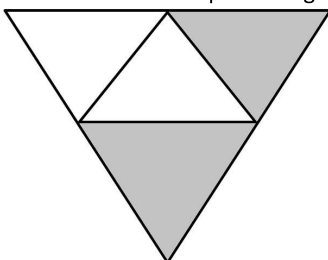
C 100

D 120

Q9. Write the fraction representing the shaded parts. **1 Mark**



Q10. Write the fraction representing the shaded portion. **1 Mark**



SECTION-B

Q11. Find the missing numbers:

2 Marks

4 kg of potatoes divided equally in 3 bags is the same as 12 kgs of potatoes divided equally in ___ bags.

$$\text{So, } \frac{4}{3} = \frac{12}{\square}.$$

Q12. Subtract as indicated:

2 Marks

$$\frac{13}{4} \text{ from } \frac{10}{3}$$

Q13. Express the following fractions in lowest terms:

2 Marks

$$\frac{525}{112}$$

Q14. On a number line, draw lines of lengths $\frac{1}{10}$, $\frac{3}{10}$ and $\frac{4}{5}$.

2 Marks

SECTION-C

Q15. How many whole units are there in $\frac{4}{3}$ and in $\frac{7}{3}$?

3 Marks

Q16. Solve the following problems:

3 Marks

Jeevika takes $\frac{10}{3}$ minutes to take a complete round of the park and her friend Namit takes $\frac{13}{4}$ minutes to do the same. Who takes less time and by how much?

Q17. Write the following fractions in ascending order.

3 Marks

$$\frac{7}{10}, \frac{11}{15}, \frac{2}{5}$$

Q18. Solve the following problems:

3 Marks

Jaya's school is $\frac{7}{10}$ km from her home. She takes an auto for $\frac{1}{2}$ km from her home daily, and then walks the remaining distance to reach her school. How much does she walk daily to reach the school?