



ADMISSION TEST PAPER 2025-26
SUBJECT: MATHEMATICS
CLASS: 6

Name:
Date:

Duration: 30 min
Marks Obtained: /20

Q1. Express each answer as a mixed number in its simplest form. (/4)

a. $3\frac{1}{2} + 5\frac{3}{4} =$ _____

b. $7\frac{4}{5} - 3\frac{1}{2} =$ _____

Q2. There are 3 hexagons and 9 stars. (/4)



- a) The ratio of hexagons to stars is _____ .
- b) The ratio of stars to hexagons is _____ .
- c) What is the ratio of the total shapes to stars? _____
- d) Write the ratio of total number of shapes to the number of hexagons. _____

Q3i. Write all the prime numbers between 20-30. (/2)

ii. Find the HCF and LCM of 360 and 180.

(/4)

HCF = _____

LCM = _____

Q4. Find the value of $70 - 17 \times (45 \div 9) =$ _____

(/3)

Q5. Find the area of the figure.

(/3)

