

Math Department A,B,C,	Name:	
	Grade: (5)	
	Math study sheet	Date: / Nov/ 2025

Dear parents and students:

The final exam for Math will be on 8 /Dec/2025

The required pages are(p1,p2,p3,p10,p11,p13,p55,p57,p59)

Q1) choose the correct answer:

1. Which of the following represents increasing pattern?

- a) 40, 35, 30, 25 b) 5, 15, 25, 35 c) 90, 70, 50, 30 d) 100, 90, 80, 70

2. Which of the following represents decreasing pattern?

- a) 12, 24, 36, 48 b) 60, 70, 80, 90 c) 100, 130, 160, 190 d) 8, 6, 4, 2

3. What is the next number in the pattern: 120, 140, 160, 180, ...?

- a) 190 b) 200 c) 175 d) 300

4. Find the next number in a pattern 400, 420, 440, 460, ...

- a) 480 b) 500 c) 450 d) 420

5. In the pattern 9, 12, 15, 18... what is the pattern rule?

- a) Add 2 b) Add3 c) Multiply by 2 d) Subtract 3



6. In the pattern 2, 7, 12, 17... what is the pattern rule?

- a) Add 5 b) Multiply by 5 c) subtract 5 d) +10

7. What is the standard form of "four hundred sixty-two thousand eight hundred fifteen"?

- a) 462,815 b) 462,581 c) 426,851 d) 462,158

8. What is the standard form of "six hundred five thousand eight hundred twelve"?

- a) 605,812 b) 650,812 c) 605,821 d) 608,512

9. What is the missing number in the pattern (80, 160, 240, _____, 400)?

- a) 260 b) 300 c) 320 d) 280

10. What is the missing number in the pattern (60, 120, 180, _____, 300) ?

- a) 240 b) 210 c) 200 d) 180

11. Rounding (389,742) to the nearest ten thousand gives:

- a) 399,000 b) 390,000 c) 389,700 d) 380,000

12. Rounding (246,895) to the nearest ten thousand gives:

- a) 247,000 b) 246,000 c) 240,000 d) 250,000

13. One of these fractions is equivalent to $\frac{3}{4}$:

- a) $\frac{6}{8}$ b) $\frac{4}{6}$ c) $\frac{3}{6}$ d) $\frac{1}{12}$

14. One of these fractions is equivalent to: $\frac{2}{5}$

- a) $\frac{4}{10}$ b) $\frac{3}{5}$ c) $\frac{5}{9}$ d) $\frac{5}{8}$



15. Compare: $\frac{7}{9}$ — $\frac{5}{9}$

a) >

b) <

c) =

d) ≥

16. Compare: $\frac{5}{6}$ — $\frac{8}{12}$

a) >

b) <

c) =

d) ≤

17. Write the missing number to get equivalent fractions:

$$\frac{5}{\quad} = \frac{15}{9}$$

a) 2

b) 3

c) 5

d) 6

18. Write the missing number to get equivalent fractions:

$$\frac{2}{16} = \frac{1}{\quad}$$

a) 2

b) 3

c) 5

d) 8

Q2: Round each number to the nearest hundred thousand

1. 648,920: _____

2. 205,389: _____

3. 981,200: _____

Q3: Write each number in standard form

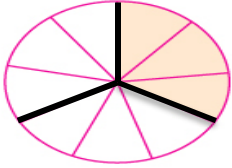
1. 300,000 + 40,000 + 2,000 + 500 + 30 = _____

2. 500,000 + 6,000 + 700 + 20 = _____

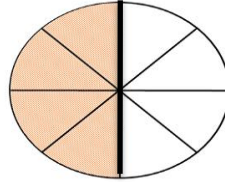
3. 700,000 + 80,000 + 900 + 4 = _____

Q4) Write an equivalent fraction to describe the shaded parts

1.



2.



Q5) Compare each pair of fractions using < or >

1. $\frac{3}{7}$ — $\frac{1}{7}$

2. $\frac{9}{10}$ — $\frac{4}{5}$

3. $\frac{3}{3}$ — $\frac{1}{2}$

Comparing Fractions - Summary

1- Same Denominator

If two fractions have the same denominator, the fraction with the larger numerator is greater.

• Example: $\frac{5}{8} > \frac{1}{8}$ is greater.

2- Same Numerator:

If two fractions have the same numerator, the fraction with the smaller denominator is greater.

• Example: $\frac{3}{4} > \frac{3}{8} \rightarrow 3/4$ is greater.

3- Different Numerator and Denominator

Find a common denominator

Example: $\frac{2}{3} > \frac{3}{5} \rightarrow \frac{2 \times 5}{3 \times 5} = \frac{10}{15}$, $\frac{3 \times 3}{5 \times 3} = \frac{9}{15}$ $2/3$ is greater.