📑 GRADE 5, 6 & 7 WORKSHEET

Topic: SUBTRACTION OF FRACTIONS

Name:_____

Section A: Multiple-Choice Questions (Objectives)

Choose the correct answer from the options A–E.

1. Evaluate: $\left\{\dfrac{3}{5} - \dfrac{2}{15}\right\}$

   A. $\dfrac{3}{8}$ B. $\dfrac{7}{15}$ C. $\dfrac{8}{15}$ D. $\dfrac{11}{15}$ E. $\dfrac{13}{15}$

2. Evaluate: $\left\{2\dfrac{7}{8} - 1\dfrac{1}{2}\right\}$

   A. $1\dfrac{3}{8}$ B. $2\dfrac{3}{5}$ C. $1\dfrac{3}{5}$ D. $1\dfrac{1}{4}$ E. $1\dfrac{2}{3}$

3. Evaluate: $\left\{3\dfrac{5}{8} - 1\dfrac{3}{4}\right\}$

   A. $2\dfrac{5}{8}$ B. $2\dfrac{3}{8}$ C. $1\dfrac{7}{8}$ D. $1\dfrac{4}{5}$ E. $\dfrac{1}{8}$

4. Evaluate: $\left\{10\dfrac{3}{10} - 5\dfrac{3}{4}\right\}$

   A. $4\dfrac{2}{5}$ B. $4\dfrac{1}{20-}$ C. $4\dfrac{5}{7}$ D. $4\dfrac{3}{20}$ E. $4\dfrac{11}{20}$

5. Evaluate: $\left\{4\dfrac{3}{8} - 2\dfrac{2}{3}\right\}$

   A. $1\dfrac{15}{24}$ B. $1\dfrac{13}{24}$ C. $1\dfrac{17}{24}$ D. $1\dfrac{11}{24}$ E. $1\dfrac{19}{24}$

6. Evaluate: $\left\{3\frac{7}{10} - \frac{4}{5}\right\}$

A. $2\frac{3}{8}$ B. $2\frac{9}{10}$ C. $2\frac{3}{10}$ D. $2\frac{7}{10}$ E. $2\frac{5}{8}$

7. Evaluate: $\left\{9\frac{5}{8} - 5\frac{7}{12}\right\}$

A. $4\frac{3}{4}$ B. $4\frac{3}{8}$ C. $4\frac{1}{12}$ D. $4\frac{1}{24}$ E. $4\frac{3}{24}$

8. Evaluate: $\left\{7\frac{3}{4} - 4\frac{1}{4}\right\}$

A. $3\frac{1}{2}$ B. $4\frac{1}{2}$ C. 5 D. $1\frac{3}{8}$ E. $1\frac{3}{8}$

9. Evaluate: $\left\{7\frac{3}{4} - 6\frac{1}{2}\right\}$

A. $1\frac{3}{8}$ B. $1\frac{1}{4}$ C. $1\frac{2}{5}$ D. $1\frac{1}{8}$ E. $1\frac{3}{16}$

10. Evaluate: $\left\{\frac{2}{3} - \frac{7}{12}\right\}$

A. $\frac{4}{5}$ B. $1\frac{1}{8}$ C. $1\frac{1}{12}$ D. $\frac{1}{12}$ E. $\frac{1}{6}$

Section B: Theory Questions

Show all working.

11. Subtract:

(a) $\left\{4\frac{11}{24} - \frac{7}{16}\right\}$

(b) $\left\{13\frac{7}{8} - 6\frac{2}{3}\right\}$

12. Find the difference:

(a) $\left\{6\frac{1}{3} - 1\frac{3}{4}\right\}$

(b) $\left\{7\frac{3}{8} - 5\frac{4}{7}\right\}$

13. Work out the following:

(a) Evaluate: $\left\{10\frac{1}{2} - 7\frac{3}{8}\right\}$

(b) Evaluate: $\left\{5\frac{1}{8} - 1\frac{8}{9}\right\}$

14. A student used $11\frac{7}{8}$ of a bottle of ink and later used another $6\frac{7}{12}$ of the same bottle. How much ink remains?

15. A rope is $5\frac{3}{4}$ metres long. A carpenter cuts off $2\frac{5}{7}$ metres. How many metres of rope are left?

16. The length of a plank is $10\frac{1}{4}$ m. A carpenter needs $2\frac{3}{5}$ m for a project. How much plank will remain after cutting?

17. John had $21\frac{1}{4}$ kg of flour. He used $12\frac{5}{6}$ kg to bake bread. How much flour does he have left?

18. A tank was $11\frac{7}{8}$ full. If $4\frac{3}{4}$ of the tank's capacity was used, what fraction of the tank is still filled?

19. In a class, $16\frac{7}{8}$ of the students passed mathematics. If $11\frac{5}{11}$ of the class later transferred to another school, what fraction of the original class remains?

20. A baker had $13\frac{1}{8}$ bags of sugar. He used $11\frac{7}{12}$ of a bag. How much sugar is left?