## CANADIAN MATHEMATICS & Adding & Suptracting Fractice

D. Add or subtract the following mixed fractions.

1. 
$$5^{1}/_{10} + 1^{2}/_{5}$$

2. 
$$4^{2}/_{3} - 3^{1}/_{5}$$

$$3. 1^{1}/_{2} + {}^{3}/_{4} + {}^{1}/_{6}$$

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4. 
$$9^{7}/_{8} - 3^{1}/_{2}$$

$$5. 2^{5}/_{9} - 1^{3}/_{4}$$

6. 
$$1^{1}/_{2} - {}^{5}/_{6}$$

$$7. 1^{4}/_{9} - 1^{1}/_{3}$$

8. 
$$2^{2}/_{3} - 1^{1}/_{6}$$

$$9. 6^{2}/_{5} - 5^{4}/_{9}$$

10. 
$$1^{1}/_{4} + {}^{5}/_{6}$$

11. 
$$^{3}/_{10} + 2^{4}/_{15}$$

12. 
$$4^{5}/_{8} + 2^{2}/_{3}$$

13. 
$$1^{3}/_{5} - ^{3}/_{10}$$

14. 
$$8^{1}/_{5} - 4^{2}/_{3}$$

15. 
$$1^{2}/_{3} + 1^{3}/_{4} - 1^{5}/_{6}$$

16. 
$$2 = \frac{3}{4}$$

17. 
$$2^{2}/_{3} - 1^{1}/_{6}$$

18. 15 - 14
$$^{3}/_{4}$$

19. 
$$8^{3}/_{4} - 6$$

$$20. 5^{7}/_{8} + 2^{1}/_{4}$$

21. 
$$5^{3}/_{7} - 4^{1}/_{6}$$

- E. Solve the following problems involving fractions.
  - 1. The average grade 8 student spends  $\frac{3}{8}$  of his day sleeping and  $\frac{1}{3}$  of his day at school. What is the total amount of a day spent on both, and how much of the day does this student have for other activities?
  - 2. Which fraction is larger,  $\frac{5}{8}$ ,  $\frac{2}{3}$  or  $\frac{3}{4}$ ?
  - 3. Arrange these fractions in order from smallest to largest:  $\frac{3}{4}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{1}{6}$ ,  $\frac{7}{12}$ .
  - 4. A plumber cuts three pieces of copper pipe  $4^{2}/_{3}$  dm,  $5^{1}/_{5}$  dm and  $3^{7}/_{10}$  dm. What is the total length of these pipes?
  - 5. Water in a pond is at a depth of  $10^{3}/_{8}$  cm. After removing a rock from the pond the level drops  $1^{5}/_{6}$  cm. What is the new depth of the pond?
  - 6. A new library book was  $4^{5}/_{8}$  cm thick. After 3 years one of its covers has fallen off and the book is now  $4^{1}/_{4}$  cm thick. How thick will this book be when the other cover falls off?
  - 7. If a nail  $6^{1}/_{4}$  cm long is driven through two boards each  $1^{3}/_{4}$  cm thick, how much of the nail will stick out?