CH. 7 : FRACTIONS

1. What fraction of an hour is 30 minutes ?

2. Write the natural numbers from 5 to 15. What fraction of them are prime numbers?

3. Express as mixed fractions. a) $\dfrac{30}{7}$ b) $\dfrac{51}{9}$

4. Express as improper fractions. a) $7\dfrac{3}{9}$ b) $11\dfrac{1}{13}$

5. Find as equivalent fraction of $\dfrac{56}{72}$ with denominator 18.

6. Simplify

i) $\dfrac{21}{35}$ ii) $\dfrac{34}{85}$ iii) $\dfrac{75}{120}$ iv) $\dfrac{66}{75}$ v) $\dfrac{112}{128}$ vi) $\dfrac{48}{57}$

7. Add

a) $\dfrac{5}{12}$ and $\dfrac{19}{24}$ b) $\dfrac{3}{8}$, $\dfrac{1}{2}$, and $\dfrac{5}{6}$ c) $2\dfrac{5}{6}$ and $8\dfrac{1}{4}$

8. The weight of two boxes together is $5\dfrac{3}{4}$ kg. If one box weighs $2\dfrac{5}{6}$ kg, Find the weight of the other.