

8. Add  $18\frac{2}{3}$  to  $25\frac{1}{4}$ . Explain your work.
9. Subtract  $16\frac{2}{3}$  from 100. Explain.
10. Reduce  $4\frac{5}{8}$  to an improper fraction. Explain.
11. Reduce  $\frac{33}{10}$  to a mixed number. Explain.
12. Find  $\frac{4}{5}$  of 73,245.  
Tell how to find  $\frac{4}{5}$  of any number;  $\frac{3}{8}$  of any number.
13. Multiply 5280 by  $2\frac{5}{11}$ .  
Tell how to multiply an integer by a mixed number.
14. A decimal fraction is one that expresses tenths, or hundredths, or thousandths, etc. All other fractions are common fractions.

Which of the following are decimal fractions and which are common fractions?

$\frac{1}{2}$     .5     $\frac{5}{10}$      $\frac{3}{8}$     .72     $\frac{9}{100}$     .325     $\frac{7}{8}$

15. Reduce to decimal fractions :

$\frac{1}{2}$      $\frac{1}{5}$      $\frac{1}{4}$      $\frac{2}{5}$      $\frac{4}{5}$      $\frac{1}{20}$      $\frac{3}{4}$      $\frac{3}{5}$

16. Reduce to common fractions :

.6    .25    .75    .16    .8    .40    .64    .125

17. Add  $\frac{1}{2}$  and  $\frac{3}{10}$ ;  $\frac{3}{4}$  and .2;  $\frac{1}{5}$  and .25.

18. How much greater is  $\frac{3}{8}$  than  $\frac{3}{10}$ ?  $\frac{1}{2}$  than .45?  $\frac{3}{4}$  than .6? .8 than .55?  $\frac{4}{10}$  than  $\frac{7}{25}$ ?

### Measurements and Comparisons

5. 1. What measures are used in buying and selling milk? peanuts? grain? hay? coal? kerosene?
2. How are long distances measured? short distances?
3. What measures are used in measuring land?
4. Give the table of measures of time.
5. Name the months and tell the number of days in each.