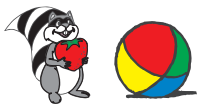
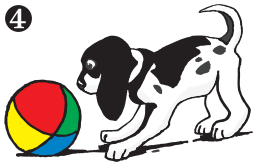
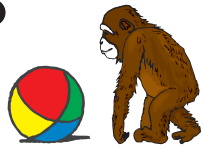
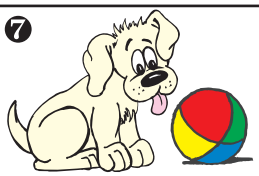
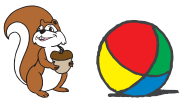
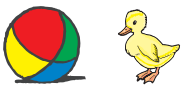
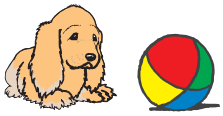
ANIMAL FRACTIONS

Our school just had a science fair and I won first prize! My experiment was about how vitamins affect the growth of different animals. Use my data (which is in inches) to determine how tall each animal was at the beginning of my experiment!

To find the height of each animal before the experiment, subtract the growth of Week 1, Week 2, and Week 3 from the Final Height. (Eloise has done the first one for you!)

❶ **GROWTH CHART** Final Height: $4\frac{4}{5}$ Week 1: $\frac{3}{10}$ Week 2: $\frac{1}{2}$ Week 3: $\frac{4}{5}$ $4\frac{4}{5}-\frac{3}{10}-\frac{1}{2}-\frac{4}{5}=$ $4\frac{8}{10}-\frac{3}{10}-\frac{5}{10}-\frac{8}{10}$ $=3\frac{2}{10}=3\frac{1}{5}$ starting height = $3\frac{1}{5}$ inches	❷ **GROWTH CHART** Final Height: $8\frac{1}{3}$ Week 1: $\frac{1}{4}$ Week 2: $\frac{2}{3}$ Week 3: $\frac{5}{6}$	❸  **GROWTH CHART** Final Height: $5\frac{17}{30}$ Week 1: $\frac{3}{10}$ Week 2: $\frac{1}{5}$ Week 3: $\frac{14}{15}$	❹  **GROWTH CHART** Final Height: $16\frac{2}{3}$ Week 1: $\frac{5}{3}$ Week 2: $\frac{7}{6}$ Week 3: $\frac{3}{4}$	❺  **GROWTH CHART** Final Height: $17\frac{2}{7}$ Week 1: $\frac{8}{5}$ Week 2: $\frac{14}{35}$ Week 3: $\frac{6}{7}$
❻ **GROWTH CHART** Final Height: $10\frac{1}{9}$ Week 1: $\frac{1}{6}$ Week 2: $\frac{2}{9}$ Week 3: $\frac{7}{4}$	❼  **GROWTH CHART** Final Height: $14\frac{9}{12}$ Week 1: $\frac{7}{4}$ Week 2: $\frac{9}{16}$ Week 3: $\frac{5}{8}$	❽  **GROWTH CHART** Final Height: $5\frac{8}{15}$ Week 1: $\frac{7}{6}$ Week 2: $\frac{3}{4}$ Week 3: $\frac{9}{10}$	❾  **GROWTH CHART** Final Height: $3\frac{17}{27}$ Week 1: $\frac{10}{9}$ Week 2: $\frac{1}{3}$ Week 3: $\frac{7}{6}$	❿  **GROWTH CHART** Final Height: $7\frac{19}{25}$ Week 1: $\frac{8}{15}$ Week 2: $\frac{17}{10}$ Week 3: $\frac{7}{30}$