

## addition

On Monday Cayla spent 4 and  $\frac{8}{9}$  hours studying. On Tuesday she spent another 3 and  $\frac{5}{6}$  hours studying. What is the combined length of time she spent studying?

**Add how much time Cayla spent on Monday (4  $\frac{8}{9}$  hours) to what she spent on Tuesday (3  $\frac{5}{6}$  hours)**

$$4\frac{8}{9} + 3\frac{5}{6}$$

## subtraction

Erick bought a bamboo plant that was 4 and  $\frac{1}{2}$  feet high. When he got it home he cut 3 and  $\frac{1}{6}$  feet off of it. How tall was the plant after he cut it down?

$$4\frac{1}{2} - 3\frac{1}{6}$$

**Subtract how much Erick cut from his plant (3  $\frac{1}{6}$  feet) from how tall the plant was when he bought it (4  $\frac{1}{2}$  feet)**

## Division

An aquarium had 6 tons of fish food. How many months would it take them to use it all if

they used one-seventh of a ton each month?

**Determine how many  $\frac{1}{7}$ th tons are inside of 6 tons, by dividing how much fish food they had (6 tons) by how much they use each month ( $\frac{1}{7}$ th of a ton)**

$$6 \div \frac{1}{7}$$

## Division

A pet store had 4 cats to feed. If they only had one-fifth of a bag of cat food and each cat

got the same amount, what fraction of the bag would each cat get?

**Divide the bag of cat food ( $\frac{1}{5}$ th of a bag) between 4 cats.**

$$\frac{1}{5} \div 4$$

## multiplication

Each student in Mr. Potter's class wrote a research paper that was 7 and  $\frac{1}{2}$  pages long. If there are 24 students in Mr. Potter's classroom, how many pages total did they all write?

**Multiply the number of pages per student**

**(7  $\frac{1}{2}$  pages) by the number of students (24 students)**

$$7\frac{1}{2} \times 24$$

## addition

Caleb, Noah, and Victor play wayyyy too much minecraft. Their parents want to know how much minecraft they all have played in a week. Caleb played 20.36 hours last week. Noah played 25.28 hours. Victor played for 27.82 hours last week. Altogether, how long did the three of them play minecraft last week?

$$20.36 + 25.28 + 27.82$$

**Add how much Caleb played minecraft (20.36 hours) to how much Noah played Minecraft (25.28 hours) to how much Victor played Minecraft (27.82).**