

Name _____ Date _____

Solve each word problem below. Simplify your result, if necessary.

1. A bucket contains 3 and $\frac{1}{12}$ gallons of water. If Sarah Jane adds 4 and $\frac{5}{12}$ gallons more, how many gallons are there in all?
2. Planet Cyber is 5 and $\frac{1}{3}$ light-years away from Earth. Planet Fiber is 2 and $\frac{2}{3}$ light-years away from Earth. How much farther away from Earth is Planet Cyber than Planet Fiber?
3. Tyesha and Frank own neighboring cornfields. Tyesha harvested 4 and $\frac{3}{10}$ acres of corn and Frank harvested 2 and $\frac{1}{10}$ acres. How many more acres did Tyesha harvest than Frank?
4. A contractor used 6 and $\frac{3}{10}$ tons of cement to pave Joe's street and 8 and $\frac{1}{10}$ tons of cement to pave Natasha's street. How much cement did the contractor use altogether?
5. Renee found two pieces of wood in her shed. The first piece was 3 and $\frac{7}{8}$ feet long and the second was 2 and $\frac{5}{8}$ feet long. How much longer was the first piece of wood than the second?
6. Derek jogged for 4 and $\frac{5}{12}$ miles on Thursday and for 2 and $\frac{5}{12}$ miles on Friday. How far did Derek jog in all?
7. Last year, Nathan grew 3 and $\frac{2}{3}$ inches and his brother grew 1 and $\frac{1}{3}$ inches. How much more did Nathan grow than his brother?
8. At a canteen, Justin and his friends drank 9 and $\frac{5}{6}$ liters of caffeinated soda. Lorrie and her friends drank 6 and $\frac{1}{6}$ liters of decaffeinated soda. How many liters of soda did they drink in all?
9. It took Larissa 2 and $\frac{1}{4}$ hours to complete her math homework and 1 and $\frac{3}{4}$ hours to complete her science homework. How much more time did she spend on her math homework?
10. A vendor had 11 and $\frac{5}{6}$ pitchers of lemonade, of which she sold 10 and $\frac{1}{6}$ pitchers. How many pitchers remained unsold?