**Adding and Subtracting Fractions and Mixed Numbers Homework**

1. A CD has been playing for $\frac{1}{3}$ hour. The CD still has $\frac{5}{12}$ hour to play. What is the total length of the time the CD can play?

2. It rained $\frac{3}{4}$ inch yesterday and $\frac{3}{10}$ inch today. How much more did it rain yesterday?

3. Matthew spent $\frac{1}{2}$ hour doing his history homework and $\frac{3}{4}$ hour doing his science homework. How much time did he spend doing homework altogether?

4. Rob has a board that is $\frac{1}{8}$ inch too wide. The board is $\frac{3}{4}$ inch wide. What width board does Rob need?

**Name:**

5. Miranda read $\frac{3}{5}$ hour in the morning and $\frac{1}{2}$ hour in the afternoon. How many hours did she read total?

6. In question 5, how much longer did she read in the morning than in the afternoon?

7. John has 2 boxes. One weighs $\frac{3}{10}$ pound and the other weighs $\frac{7}{8}$ pound. What is the combined weight of the boxes?

8. In problem 7, how much more does the heavier box weigh?

Today’s workouts

|  |  |
| --- | --- |
| Kerri | $1\frac{1}{2}$ hours |
| Jennifer | $\frac{3}{4}$ hour |
| Ahmad | 2 hours |
| Risa | $\frac{2}{3}$ hour |

9. Who had a longer workout Jennifer or Risa? How much longer?

10. How much longer was Ahmad’s workout than Kerri’s?

11. Risa finished her workout just as Kerri started hers. How long did it take from the time Risa started until Kerri finished?

12. Kerri and Jennifer started their workouts at the same time. When Jennifer finished her workout, how much longer did Kerri have to finish her workout?

12. What is the total workout time for all 4 people?