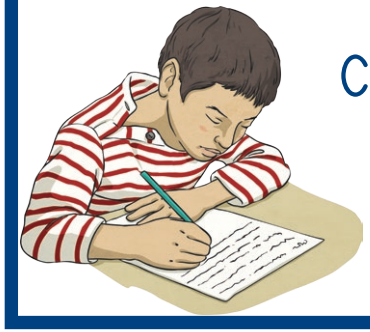
Adding and Subtracting Mixed Numbers Word Problems

Challenge Cards



1. Carolyn walked $1\frac{2}{3}$ miles on Monday and $1\frac{2}{3}$ miles on Tuesday. How many miles did she walk on both days together?

2. Diane had $1\frac{2}{4}$ cups of sugar. She also had $3\frac{3}{4}$ cups of flour. How much more flour does she have than sugar?

3. Grace swam $4\frac{1}{2}$ miles on Monday. She swam $3\frac{1}{2}$ miles on Wednesday. How many miles did she swim on both days combined?

4. Tom is building a bookshelf. The longest board he needs is $4\frac{1}{4}$ feet. The shortest board he needs is $1\frac{3}{4}$ feet. How much longer is the longest board than the shortest?

5. Bertie ran $6\frac{1}{8}$ miles last week. This week he ran $2\frac{3}{8}$ miles. How many more miles did he run last week than this week?

6. Frank practiced piano for $2\frac{1}{3}$ hours yesterday. He practiced $1\frac{1}{3}$ hours today. How long did he practice on both days combined?

7. Matias found two worms. One worm was $3\frac{1}{4}$ cm long. the other worm was $1\frac{2}{4}$ cm long. How much longer was the first worm than the second?

8. Saul biked $11\frac{1}{2}$ miles on Friday. He biked $8\frac{1}{2}$ miles on Saturday. How many miles did he bike in total?

9. Eleanor cut two ribbons. One ribbon was $5\frac{3}{8}$ inches. The other was $2\frac{6}{8}$ inches. How much longer was the first ribbon than the second?

10. Georgina watched two movies. The first movie was $1\frac{3}{4}$ hours long. The other movie was $2\frac{1}{4}$ hours long. How much longer was the second movie than the first?

11. Reggie sang two songs. The first song was $3\frac{1}{4}$ minutes long. The second song was $2\frac{3}{4}$ minutes long. How long were both songs combined?

12. James biked $3\frac{5}{8}$ miles this morning. He biked $2\frac{5}{8}$ miles in the evening. How many miles did he bike in the whole day?

13. Maria had $1\frac{3}{4}$ cups of chocolate chips. She had $2\frac{3}{4}$ cups of peanut butter chips. How many cups of chips did she have in all?

14. Valerie cut $2\frac{1}{5}$ feet of red cloth. She cut $3\frac{3}{5}$ feet of blue cloth. How much cloth did she cut in all?

15. Inman made a necklace that was $18\frac{1}{3}$ inches long. He made a bracelet that was $3\frac{2}{3}$ inches long. How much longer was the necklace than the bracelet?

16. Cookie ran $4\frac{2}{6}$ miles yesterday. She ran $5\frac{5}{6}$ miles today. How many miles did she run in all?

17. Roberto drank $3\frac{4}{5}$ cups of water this morning. He drank $2\frac{4}{5}$ more this evening. How much water did he drink in all?

18. Siya rode her bike $9\frac{1}{2}$ miles. Joan rode her bike $8\frac{1}{2}$ miles. How many more miles did Siya ride than Joan?

19. Flora found 2 sunflowers in her front yard. She measured them both. The first was $5\frac{1}{4}$ feet tall. The second was $6\frac{3}{4}$ feet tall. How much taller was the second sunflower than the first sunflower?

20. Jane watched TV for 20 $\frac{3}{4}$ minutes. Then she played outside for 35 $\frac{1}{4}$ minutes. How much longer did she play outside than watch TV?

1. 3 $\frac{1}{3}$ miles
2. 2 $\frac{1}{4}$ cups
3. 8 miles
4. 2 $\frac{2}{4}$ or 2 $\frac{1}{2}$ feet
5. 3 $\frac{6}{8}$ or 3 $\frac{3}{4}$ miles
6. 3 $\frac{2}{3}$ hours
7. 1 $\frac{3}{4}$ cm
8. 20 miles
9. 2 $\frac{5}{8}$ inches
10. $\frac{2}{4}$ or $\frac{1}{2}$ hour

11. 6 minutes
12. 6 $\frac{2}{8}$ miles or 6 $\frac{1}{4}$ miles
13. 4 $\frac{2}{4}$ or 4 $\frac{1}{2}$ cups of chips
14. 5 $\frac{4}{5}$ feet
15. 14 $\frac{2}{3}$ inches
16. 10 $\frac{1}{6}$ miles
17. 6 $\frac{3}{5}$ cups
18. 1 mile
19. 1 $\frac{2}{4}$ or 1 $\frac{1}{2}$ feet
20. 14 $\frac{2}{4}$ or 14 $\frac{1}{2}$ minutes