

Adding and Subtracting Fractions

Word Problems

- 1 Robert spent $16\frac{1}{2}$ hours on jogging and $12\frac{1}{2}$ hours on swimming. What is the total time he spent on the two activities?
- 2 Mandy bought $22\frac{3}{5}$ kg of tomatoes and $19\frac{2}{3}$ kg potatoes. Find the total weight of vegetables she bought.
- 3 Julia spent $11\frac{1}{6}$ of her pocket money on movie tickets and $\frac{3}{4}$ on chocolates. How much money did she spend altogether?
- 4 In a high jump contest, Sandy jumped $3\frac{6}{7}$ m and Mike jumped $4\frac{2}{9}$ m. Who jumped higher and by how much?
- 5 Frank had $15\frac{8}{9}$ liters of fuel in his car. After he reached home by car, he had only $4\frac{5}{6}$ liters left. How much fuel was used?
- 6 Billy traveled $18\frac{1}{3}$ km by car and then took a boat. Then he cycled $13\frac{1}{6}$ km. If he had covered $35\frac{3}{4}$ km in total, then how many km did he travel by boat?

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Answers.

- ① Robert spent $16\frac{1}{2}$ hours on jogging and $12\frac{1}{2}$ hours on swimming. What is the total time he spent on the two activities?

Ans: 29 hours

- ③ Julia spent $11\frac{1}{6}$ of her pocket money on movie tickets and $\frac{3}{4}$ on chocolates. How much money did she spend altogether?

Ans: $11\frac{11}{12}$ of the pocket money

- ⑤ Frank had $15\frac{8}{9}$ liters of fuel in his car. After he reached home by car, he had only $4\frac{5}{6}$ liters left. How much fuel was used?

Ans: $11\frac{1}{18}$ litres

- ② Mandy bought $22\frac{3}{5}$ kg of tomatoes and $19\frac{2}{3}$ kg potatoes. Find the total weight of vegetables she bought.

Ans: $42\frac{4}{15}$ kg

- ④ In a high jump contest, Sandy jumped $3\frac{6}{7}$ m and Mike jumped $4\frac{2}{9}$ m. Who jumped higher and by how much?

Ans: Mike. $\frac{23}{63}$ m

- ⑥ Billy traveled $18\frac{1}{3}$ km by car and then took a boat. Then he cycled $13\frac{1}{6}$ km. If he had covered $35\frac{3}{4}$ km in total, then how many km did he travel by boat?

Ans: $4\frac{1}{4}$ km