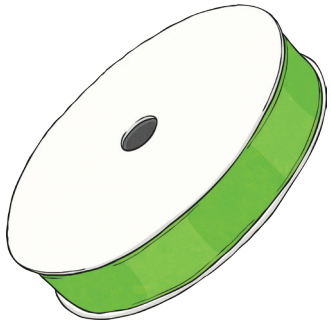
Adding and Subtracting Fractions with Different Denominators

Challenge Cards

1. Alana bought a box of bananas that weighed $3\frac{1}{2}$ kg. She bought a box of oranges that weighed $2\frac{3}{7}$ kg. How much did the boxes of fruit weigh in all?

2. Mum had a roll of ribbon that was $3\frac{1}{5}$ m long. She cut off $2\frac{1}{3}$ m. How much ribbon was left on the roll?

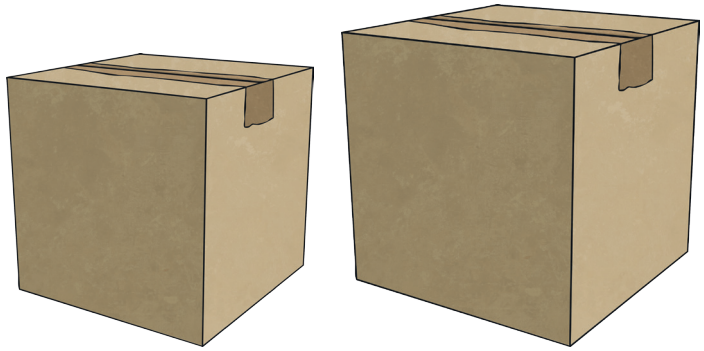


3. Mrs Oh bought a box of construction paper that weighed $6\frac{1}{4}$ kg. She bought a box of paints that weighed $5\frac{7}{8}$ kg. How much do the art supplies weigh in all?

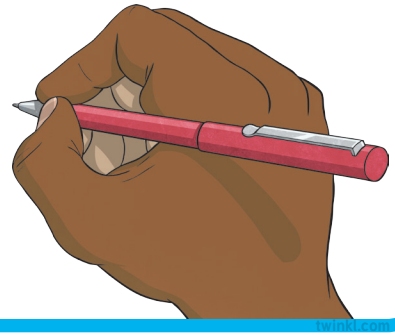
4. Rogelio ran $4\frac{1}{6}$ km yesterday and $5\frac{1}{8}$ km today. How many more kilometres did he run today than yesterday?

5. Armando's class recycled $4\frac{1}{3}$ containers of plastic last month. They recycled $3\frac{4}{7}$ containers this month. What is the total amount of plastic they recycled?

6. Blanca had two boxes. One box weighed $3\frac{1}{5}$ kg. The other weighed $2\frac{2}{7}$ kg. How much more did the first box weigh than the second?



7. Liz studied for $4\frac{1}{2}$ hours on Saturday. She studied for $6\frac{2}{7}$ hours on Sunday. How many hours did she study in all?



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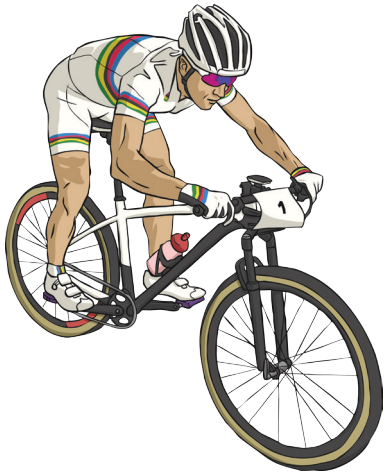
8. Pierre went $10\frac{4}{5}$ km today. He biked $4\frac{7}{9}$ of those km. How many km did he not bike?



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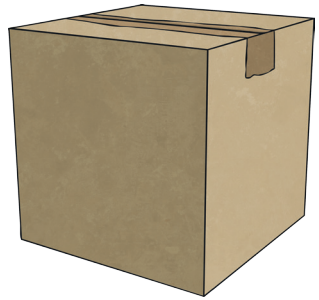
9. Caleb bought a box of paper that weighs $9\frac{2}{8}$ kg. He bought another box that weighs $6\frac{4}{5}$ kg. How much did the two boxes weigh in all?



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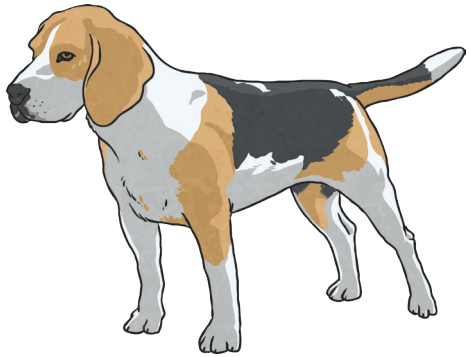
10. Rowdy the dog drank $5\frac{1}{3}$ bowls of water over the weekend. He drank $8\frac{1}{4}$ bowls during the week. How much more did he drink during the week than over the weekend?



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11. Mr Lamonte was packing his house for a big move. One of the boxes he packed weighed $7\frac{1}{2}$ kg. Another box weighed $3\frac{1}{3}$ kg. How much do the two boxes weigh in all?

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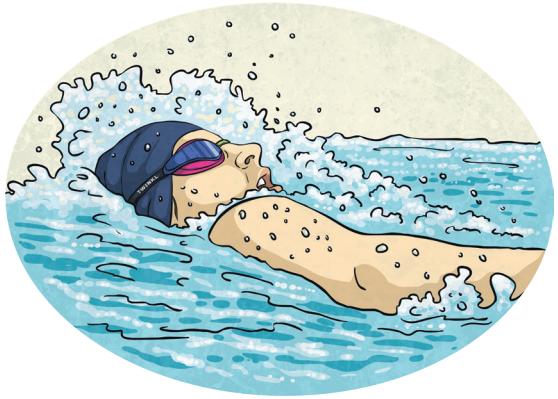
12. Mateo swam $12\frac{1}{3}$ laps yesterday and $9\frac{3}{7}$ laps today. How many more laps did he swim yesterday?



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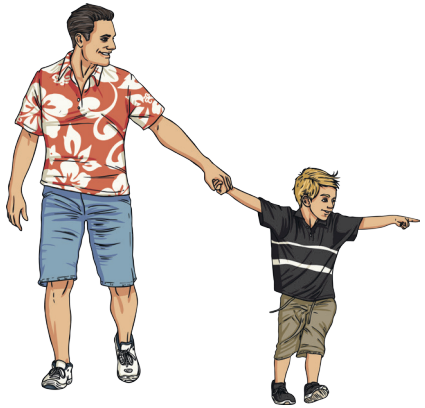
13. Rishi walked $3\frac{5}{6}$ km this morning. He walked $2\frac{1}{5}$ more km this evening. How many km did he walk today?



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14. Katie bought two Christmas presents to mail to her parents. One present weighed $7\frac{3}{8}$ kg. The other weighed $4\frac{1}{6}$ kg. How much more did the first gift weigh than the second?

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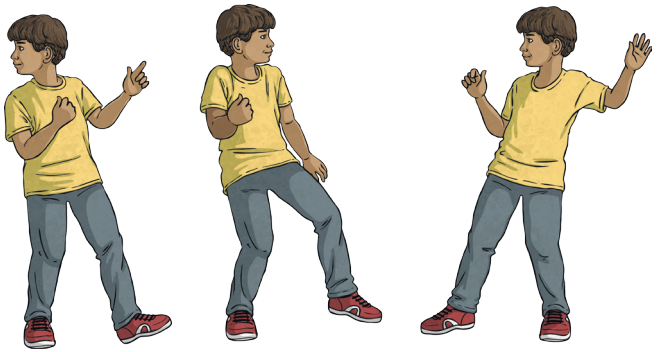
15. David swam $8\frac{2}{9}$ km on Monday. He swam $7\frac{1}{7}$ km on Tuesday. How many kilometres did he swim in all?

16. Nathael danced to a song that was $6\frac{1}{9}$ minutes long. He also danced to a song that was $5\frac{5}{8}$ minutes long. What is the difference between the length of the songs?



17. RJ ordered a desk and a chair online. The desk weighs $11\frac{5}{6}$ kg. The chair weighs $4\frac{1}{7}$ kg. How much will the delivery weigh in all?

18. Katie grew a sunflower that was $6\frac{5}{9}$ m tall. She cut $1\frac{1}{3}$ m. How much of the stem is left?

19. Althea bought two candles. The first candle weighed $1\frac{1}{5}$ kg. The second candle weighed $1\frac{1}{3}$ kg. How much do the candles weigh in all?

20. Xiomara jogged $9\ \frac{4}{5}$ km last week and $3\ \frac{2}{7}$ km this week.
How many more kilometers did she jog last week?

Adding and Subtracting Fractions Answers

1. $5\ \frac{13}{14}$ kg
2. $\frac{13}{15}$ m
3. $12\ \frac{1}{8}$ kg
4. $\frac{23}{24}$ kilometers
5. $7\ \frac{19}{21}$ containers
6. $\frac{32}{35}$ boxes
7. $10\ \frac{11}{14}$ hours
8. $6\ \frac{1}{45}$ kilometers
9. $16\ \frac{1}{20}$ kg
10. $2\ \frac{11}{12}$ bowls
11. $10\ \frac{5}{6}$ kg
12. $2\ \frac{19}{21}$ laps
13. $6\ \frac{1}{30}$ kilometers
14. $3\ \frac{5}{24}$ kg
15. $15\ \frac{23}{63}$ kilometers
16. $\frac{35}{72}$ minutes
17. $15\ \frac{41}{42}$ kg
18. $5\ \frac{2}{9}$ m
19. $2\ \frac{8}{15}$ kg
20. $6\ \frac{18}{35}$ kilometers