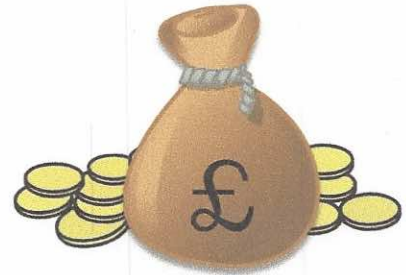
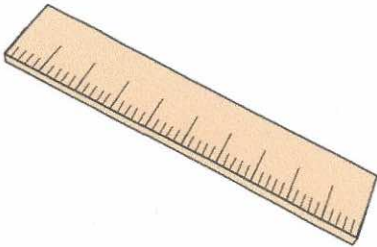


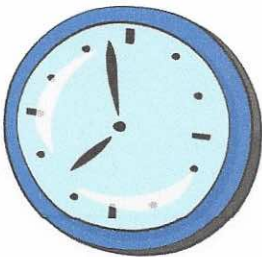
Primary Practice Questions



Corbettmaths



Adding Fractions: Different Denominators



Tips

- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

Recap

Remember

- There are daily questions found at
www.corbettmaths.com/5-a-day/primary

1.

$$\frac{2}{3} + \frac{1}{6}$$

$$\frac{4}{6} + \frac{1}{6} = \frac{5}{6}$$

$$\frac{5}{6}$$

2.

$$\frac{3}{8} - \frac{1}{4}$$

$$\frac{3}{8} - \frac{2}{8} = \frac{1}{8}$$

$$\frac{1}{8}$$

3.

$$\frac{7}{20} + \frac{2}{5}$$

$$\frac{7}{20} + \frac{8}{20} = \frac{15}{20}$$

$$\frac{15}{20} \text{ or } \frac{3}{4}$$

4.

$$\frac{11}{18} + \frac{1}{6}$$

$$\frac{11}{18} + \frac{3}{18} = \frac{14}{18}$$

$$\frac{14}{18} \text{ or } \frac{7}{9}$$

5.

$$\frac{7}{15} - \frac{1}{5}$$

$$\frac{7}{15} - \frac{3}{15}$$

$$\frac{4}{15}$$

6.

$$\frac{39}{100} - \frac{7}{20}$$

$$\frac{39}{100} - \frac{35}{100} = \frac{4}{100}$$

$$\frac{4}{100} \text{ or } \frac{1}{25}$$

7.

$$\frac{1}{2} + \frac{2}{5}$$

$$\frac{5}{10} + \frac{4}{10} = \frac{9}{10}$$

$$\frac{9}{10}$$

8.

$$\frac{1}{3} + \frac{1}{2}$$

$$\frac{2}{6} + \frac{3}{6} = \frac{5}{6}$$

$$\frac{5}{6}$$

9.

$$\frac{4}{5} - \frac{2}{3}$$

$$\frac{12}{15} - \frac{10}{15} = \frac{2}{15}$$

$$\frac{2}{15}$$

10.

$$\frac{5}{11} + \frac{1}{4}$$

$$\frac{20}{44} + \frac{11}{44} = \frac{31}{44}$$

$$\frac{31}{44}$$

11.

$$\frac{3}{4} - \frac{2}{5}$$

$$\frac{15}{20} - \frac{8}{20} = \frac{7}{20}$$

$$\frac{7}{20}$$

12.

$$\frac{8}{9} - \frac{3}{5}$$

$$\frac{40}{45} - \frac{27}{45} = \frac{13}{45}$$

$$\frac{13}{45}$$

13. $\frac{1}{2}$ of the cars in a car park are red
 $\frac{1}{4}$ of the cars in the car park are blue



What fraction of the cars in car park are red or blue?

$$\frac{1}{2} + \frac{1}{4}$$

$$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$$

$$\frac{3}{4}$$

-
14. This week Harry spent $\frac{2}{3}$ of his pocket money on a ticket for a match
He also spent $\frac{1}{9}$ of his pocket money on a scarf at the match

What fraction of his pocket money has Harry spent?

$$\frac{2}{3} + \frac{1}{9}$$

$$\frac{6}{9} + \frac{1}{9} = \frac{7}{9}$$

$$\frac{7}{9}$$

15. In a bag, there are green, white and blue counters.

$\frac{1}{10}$ of the counters are green.

$\frac{3}{5}$ of the counters are white.

What fraction of the counters are blue?

$$\frac{1}{10} + \frac{3}{5}$$

$$\frac{1}{10} + \frac{6}{10} = \frac{7}{10}$$

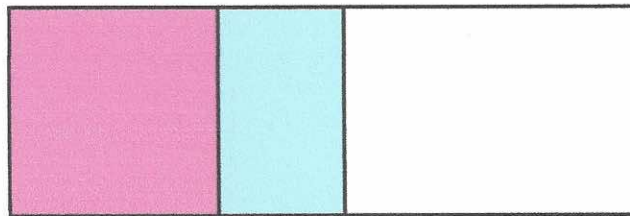
$$\frac{10}{10} - \frac{7}{10} = \frac{3}{10}$$

$\frac{3}{10}$

16. In this rectangle

$\frac{1}{3}$ is shaded pink

$\frac{1}{5}$ is shaded blue



What fraction of the rectangle is not shaded?

$$\frac{1}{3} + \frac{1}{5}$$

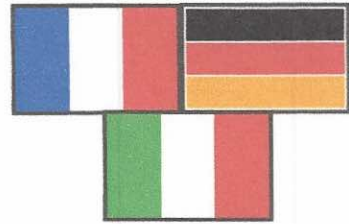
$$\frac{5}{15} + \frac{3}{15} = \frac{8}{15}$$

$$\frac{15}{15} - \frac{8}{15} = \frac{7}{15}$$

$$\frac{7}{15}$$

17. In Year 7, the children study one language.

They study French, German or Italian.



$\frac{3}{8}$ of the children study French

$\frac{1}{6}$ of the children study German

What fraction of the children study Italian?

$$\frac{3}{8} + \frac{1}{6}$$

$$\frac{9}{24} + \frac{4}{24} = \frac{13}{24}$$

$$\frac{24}{24} - \frac{13}{24} = \frac{11}{24}$$

$$\frac{11}{24}$$

18. This diagram shows a park.



Work out the fraction of the park that is the picnic area

$$\frac{3}{5} + \frac{2}{9}$$

$$\frac{27}{45} + \frac{10}{45} = \frac{37}{45}$$

$$\frac{45}{45} - \frac{37}{45} = \frac{8}{45}$$

$\frac{8}{45}$

19. Yasmin has a bottle that contains $\frac{7}{10}$ litre of orange juice.

She pours out some orange juice and now has $\frac{1}{4}$ litre left.

How much orange juice did Yasmin pour out?

$$\frac{7}{10} - \frac{1}{4} =$$

$$\frac{14}{20} - \frac{5}{20} = \frac{9}{20}$$

$\frac{9}{20}$

20.

$$\frac{1}{3} + \frac{1}{5} + \frac{1}{10}$$

$$\frac{10}{30} + \frac{6}{30} + \frac{3}{30}$$

$\frac{19}{30}$

21.

$$\frac{3}{4} + \frac{11}{12}$$

$$\frac{9}{12} + \frac{11}{12} = \frac{20}{12}$$

$$\frac{20}{12} \text{ or } 1\frac{8}{12} \text{ or}$$

$$1\frac{2}{3} \text{ or } \frac{5}{3}$$

22.

$$1\frac{1}{3} - \frac{1}{2}$$

$$\frac{4}{3} - \frac{1}{2}$$

$$\frac{8}{6} - \frac{3}{6}$$

$$\frac{5}{6}$$

23.

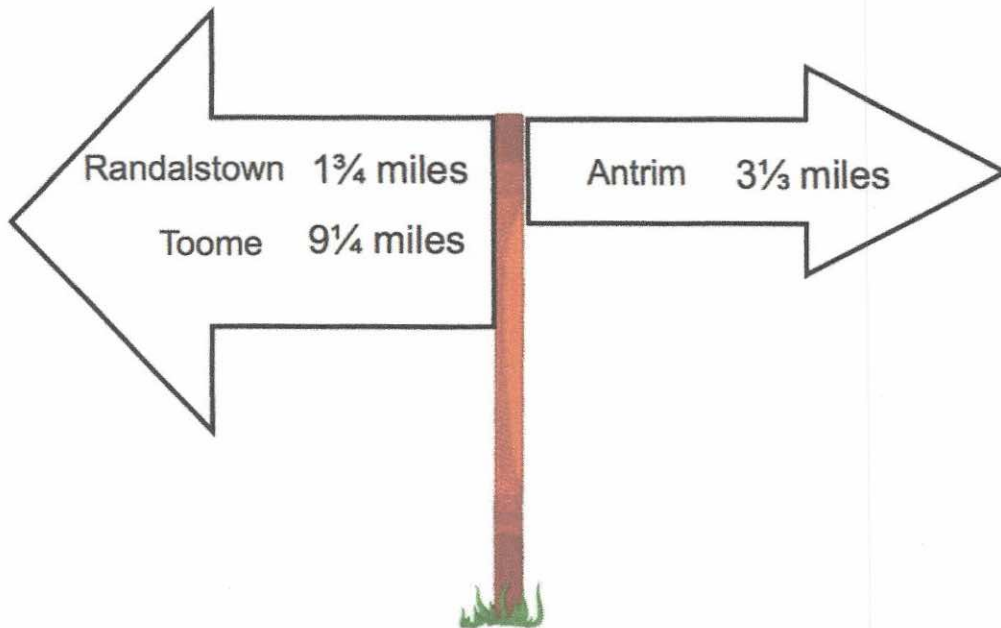
$$2\frac{1}{4} + \frac{5}{8}$$

$$\frac{9}{4} + \frac{5}{8}$$

$$\frac{18}{8} + \frac{5}{8} = \frac{23}{8}$$

$$\frac{23}{8} \text{ or } 2\frac{7}{8}$$

26. Kayleigh is walking from Antrim to Randalstown



Work out the distance from Antrim to Randalstown

$$1\frac{3}{4} + 3\frac{1}{3}$$

$$\frac{7}{4} + \frac{10}{3}$$

$$\frac{21}{12} + \frac{40}{12} = \frac{61}{12}$$

or $5\frac{1}{12}$

$\frac{61}{12}$ or $5\frac{1}{12}$ miles
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