

Name:

Exam Style Questions

Adding Fractions



Equipment needed: Calculator, pen

Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

www.corbettmaths.com/contents

Video 133



Answers and Video Solutions



1. Work out, as a simplified fraction.



$$\frac{3}{4} + \frac{1}{12}$$

.....
(2)

2. Work out, as a simplified fraction.



$$\frac{3}{5} - \frac{2}{7}$$

.....
(2)

3. Work out, as a simplified fraction.



$$\frac{5}{6} - \frac{1}{2}$$

.....
(2)

4. Work out, as a simplified fraction.



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

.....
(2)

5. Work out, as a simplified fraction.



$$\frac{3}{4} + \frac{2}{9}$$

.....
(2)

6. Work out



$$\frac{13}{24} - \frac{1}{4}$$

.....
(2)

7. Work out



$$\frac{1}{10} + \frac{2}{3}$$

Circle the correct answer.

$$\frac{3}{13}$$

$$\frac{23}{30}$$

$$\frac{1}{15}$$

$$\frac{23}{13}$$

(1)

8. Work out



$$\frac{11}{12} + \frac{5}{6}$$

Give your answer as a mixed number.

.....
(3)

9. Work out, as a mixed number.



$$\frac{7}{11} + \frac{2}{3}$$

.....
(2)

10. Work out



$$\frac{2}{9} + \frac{5}{6} + \frac{1}{3}$$

.....
(3)

11. Calculate



$$\frac{41}{50} - \frac{5}{12}$$

.....
(1)

12. In a bag there are red, green and purple counters.



$\frac{3}{8}$ of the counters are red.

$\frac{1}{6}$ of the counters are green.

What fraction of the counters are purple?

.....
(3)

13. A hockey team won $\frac{2}{5}$ of their matches.



They drew $\frac{1}{3}$ of their matches.

What fraction of the matches did they lose?

.....
(3)

14. Nina is writing a story.



At the start of June, the story was $\frac{1}{8}$ complete.

At the end of June, the story was $\frac{2}{3}$ complete.

What fraction of the story did Nina write in June?

.....
(2)

15. Work out



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

Give your answer as a mixed number.

.....
(3)

16. Work out



$$8\frac{5}{6} - 3\frac{1}{3}$$

Give your answer as a mixed number.

.....
(3)

17. Work out



$$4\frac{1}{3} - 3\frac{4}{9}$$

Give your answer as a fraction.

.....
(3)

18. Calculate



$$\frac{9}{14} + 5\frac{37}{88}$$

Give your answer as a mixed number.

.....
(2)

19. Matthew is training for a race.



He runs 3 days in one week.

Matthew runs $1\frac{1}{2}$ miles on Monday.

Then he runs $1\frac{2}{3}$ miles on Thursday.

Finally he runs $2\frac{1}{5}$ miles on Sunday.

Work out how far Matthew ran in total.

.....miles
(4)

20. The diagram shows how a library, shop, school and park are situated on a road.



The distance from the library to the park is 1 km

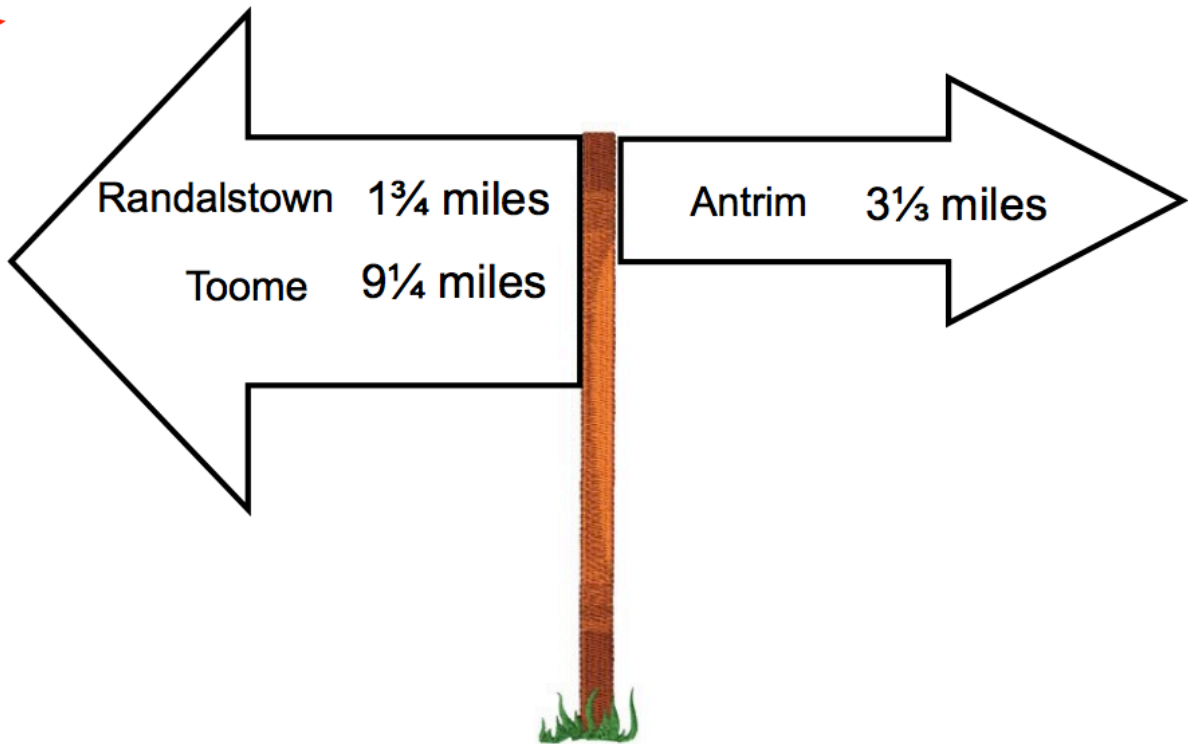
The distance from the shop to the park is $\frac{7}{9}$ km

The distance from the library to the school is $\frac{7}{10}$ km

Work out the distance from the shop to the school.

.....km
(3)

21. Martin is walking from Antrim to Randalstown.



(a) Work out the distance from Antrim to Randalstown.

.....miles
(3)

(b) Work out the distance from Randalstown to Toome.

.....miles
(3)

22. Hannah is baking two cakes.



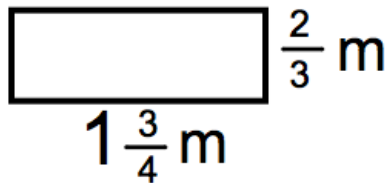
One cake needs $1\frac{1}{3}$ cups of milk.

Hannah has $1\frac{1}{4}$ cups of milk.

How much more milk does Hannah need?

.....cups
(3)

23. Jessica wants to attach ribbon around her wardrobe.



She has 4 metres of ribbon.

How much more does she need?

Give your answer as a fraction.

.....m
(4)

24. Work out



$$\frac{2\pi}{9} + \frac{\pi}{4}$$

Give your answer as a fraction.

.....
(2)