

Name:

Exam Style Questions

Top heavy fractions
Mixed numbers



Corbettmaths

Equipment needed: Pen, Calculator

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

Videos 139, 140



Answers and Video Solutions



1. Write the missing number in the box.



$$\frac{7}{3} = \square \frac{1}{3}$$

(1)

2. Write the missing number in the box.



$$\frac{9}{5} = 1 \frac{\square}{5}$$

(1)

3. Write the missing number in the box.



$$\frac{\square}{4} = 2 \frac{1}{4}$$

(1)

4. Match up the equivalent mixed numbers and improper fractions.



$$\frac{5}{4}$$

$$\frac{11}{4}$$

$$\frac{8}{5}$$

$$\frac{12}{5}$$

$$1 \frac{1}{4}$$

$$2 \frac{2}{5}$$

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

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

(1)

5. Write $\frac{5}{2}$ as a mixed number.



.....
(1)

6. Write $\frac{21}{5}$ as a mixed number.



.....
(1)

7. Write $\frac{10}{7}$ as a mixed number.



.....
(1)

8. Write $\frac{11}{3}$ as a mixed number.



.....
(1)

9. Write $\frac{19}{10}$ as a mixed number.



.....
(1)

10. Write the number four and two-thirds in figures as a mixed number.



.....
(1)

11. Write the number 2.5 as a mixed number.



.....
(1)

12. Write the number 3.75 as a mixed number.



.....
(1)

13. Write the number 5.4 as a mixed number.



.....
(1)

14. Write $\frac{103}{15}$ as a mixed number.



.....
(1)

15. Write $1\frac{2}{3}$ as a top heavy fraction.



.....
(1)

16. Write $2\frac{1}{2}$ as a top heavy fraction.



.....
(1)

17. Write $5\frac{3}{5}$ as a top heavy fraction.



.....
(1)

18. Write $7\frac{4}{9}$ as a top heavy fraction.



.....
(1)

19. Here are 5 number cards.



(a) Using the cards, make an improper fraction between 2 and 3

$$\frac{\square}{\square}$$

(1)

(b) Using the cards, make an improper fraction between 4 and 5

$$\frac{\square}{\square}$$

(1)

(c) Using the cards, make an improper fraction between 3 and 4

$$\frac{\square}{\square}$$

(1)

20. Write 9.35 as a top heavy fraction.



.....
(1)

21. Jasper feeds his dog $\frac{2}{3}$ of a can of dog food each day.

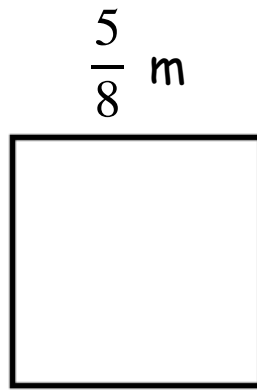


Work out how much dog food is eaten each week.

Give your answer as a mixed number.

.....cans
(2)

22.



Calculate the perimeter of a square with side length $\frac{5}{8}$ m
Give your answer as a mixed number.

.....m
(2)