

Mixed Practice

That's the end of Fractions, Decimals & Percentages — test how much you've learnt with these questions.

1

Write the mixed numbers below as improper fractions.

$1\frac{4}{5}$



$1\frac{7}{10}$



1 mark

2

Convert:

0.36 to a percentage.



%

78% to a decimal.



1 mark

3

Becky has 1.25 blocks of butter. Jasmine has $\frac{3}{2}$ blocks of butter.

Who has more butter?



1 mark

4

Miranda has $\frac{2}{3}$ of a bag of rice. If she uses all of the rice to make 3 equal servings, what fraction of a bag is in each serving?



1 mark

5

Louisa makes 4 identical cheesecakes and cuts each one into 8 equal slices. She gives 5 slices to her mum, 4 slices to her dad and 2 slices to her brother.

How many cheesecakes does she have left?
Give your answer as a mixed number.



2 marks

Mixed Practice

6

Pia, Lily and Eric each have the same length of ribbon.

Pia cuts her ribbon into 10 equal pieces and uses 7 of them on a skirt.

Lily cuts her ribbon into 3 equal pieces and uses 2 of them in her hair.

Eric cuts his ribbon into 15 equal pieces and uses 12 of them to make a card.

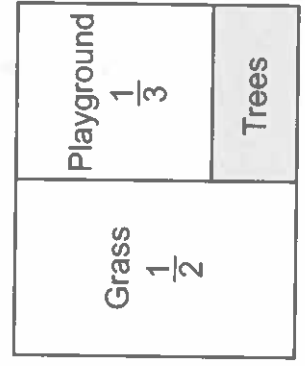
Who uses the most ribbon? Show your working.



2 marks

7

Look at the diagram of a park below. It is not drawn to scale.



The diagram shows the fraction of the park covered by grass, trees and a playground.

What fraction of the park is covered by trees?



1 mark

8

Huw makes $2\frac{3}{4}$ clocks every day.

How many clocks does he make in 20 days?



1 mark

Check how well you've done with Fractions, Decimals & Percentages by adding up your marks from these Mixed Practice pages. Write your score in the box on the right, then fill in the scoresheet at the end of the book.

/ 10