

Set: Wednesday 17th January Due in: Tuesday 23rd January

Mrs Guy's group

This week we have been learning to solve fractions problems using the four operations where the fractions have different denominators.

To support our learning this week, we would like the children to complete the activities overleaf.

Our rock star times tables focus for next week will be the 6, 7 and 9 times tables.

Parent feedback

Multiplying fractions

To achieve 100+ you need to:

- multiply proper fractions and mixed numbers by whole numbers
- multiply simple pairs of proper fractions, writing the answer in its simplest form.

1 $\frac{3}{5} \times 6 =$

(1 mark)

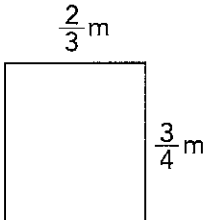
2 $\frac{4}{5} \times \frac{7}{10} =$

(1 mark)

3 A recipe uses $\frac{5}{8}$ kg of flour to make 10 cakes.
How much flour is needed to make 30 cakes? kg

(1 mark)

4 What is the area of this rectangle? m²

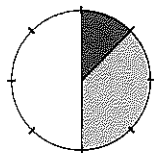


(1 mark)

5 What is $\frac{3}{5}$ of $2\frac{1}{2}$ litres? litres

(1 mark)

6 Kris has a drawer full of pens, pencils and erasers in his office. The pie chart compares the different numbers of each item in the drawer.
 $\frac{3}{10}$ of the pens are blue.



(1 mark)

What fraction of the total number of items in the drawer are blue pens?

- Pencils
- Pens
- Erasers

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Dividing fractions

To achieve 100+ you need to:

- divide proper fractions by a whole number.

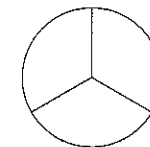
1 $\frac{5}{8} \div 3 =$

(1 mark)

2 $\frac{3}{20} = \frac{3}{4} \div$

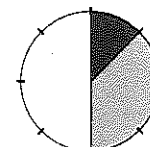
(1 mark)

3 Gran cuts her chocolate cake into equal pieces. She then cuts one of these pieces into 5 smaller equal pieces.
What fraction of the whole cake is one of these smaller pieces?



(1 mark)

4 This pie chart compares the different items of stationery that Abdul buys for the office. Abdul shares the pens equally between 6 of his staff.
What fraction of the total number of items does each person's share of pens represent?



- Pencils
- Pens
- Other items

(2 marks)

5 Zac cuts a $6\frac{3}{4}$ m ribbon into 9 equal pieces.
What fraction of a metre is each piece? m

(1 mark)

Top tip

Remember to write answers in their simplest form using your knowledge of equivalent fractions.

Top tip

Remember that dividing by a number such as 2 is the same as finding $\frac{1}{2}$.

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