

Fractions of Amount Worded Problems Worksheet

Sarah earns £480 per week. She spends $\frac{3}{8}$ of her weekly earnings on rent. How much does she spend on rent each week?

A charity received a donation of £2,500. If $\frac{2}{5}$ of this amount is allocated to educational programmes, how much money is allocated to education?

A baker uses $\frac{5}{12}$ of a 36 kg bag of flour to make bread. How many kilograms of flour does the baker use for bread?

In a class of 32 students, $\frac{3}{4}$ passed the final exam. How many students passed?

A shopkeeper sold $\frac{7}{10}$ of her 200 apples in one day. How many apples did she sell?

A water tank contains 1,200 litres of water. If $\frac{1}{6}$ of the water is used for watering plants, how many litres are used?

A student spent $\frac{2}{3}$ of his £90 pocket money on books and stationery. How much did he spend?

An investor puts $\frac{5}{9}$ of his £18,000 savings into shares. How much is invested in shares?

A train journey covers $\frac{7}{15}$ of its 300 km route before stopping at the first station. How many kilometres does it travel before stopping?

A recipe requires $\frac{3}{5}$ of a 250 g packet of butter. How many grams of butter are needed?

In a survey of 420 people, $\frac{4}{7}$ preferred tea over coffee. How many people preferred tea?

A group of friends share a £96 bill. If one person pays $\frac{5}{8}$ of the total, how much does that person pay?

Answer Key

1. £180
2. £1,000
3. 15 kg
4. 24 students
5. 140 apples
6. 200 litres
7. £60
8. £10,000
9. 140 km
10. 150 grams
11. 240 people
12. £60