Question 1: James has 20 sweets.

$\frac{3}{4}$ of the sweets are red.

How many sweets are red?



Question 2: In a class, there are 24 students.

$\frac{1}{8}$ of the students wear glasses.

How many students wear glasses?

Question 3: There are 40 apples in a crate.

$\frac{3}{5}$ of the apples are bad.

How many good apples are there?



Question 4: On Wednesday, James slept for $\frac{3}{8}$ of the day

(a) How many hours did James spend sleeping?

(b) For how many hours was James awake?

(c) What fraction of the day was James awake?



Question 5: Declan won £6000 in a competition.

He invests $\frac{2}{5}$ of the money.

How much money did Declan invest?

Question 6: Katie has £1200.

She gives $\frac{1}{3}$ of the money to her sister.

Then Katie gives $\frac{1}{4}$ of the remaining money to her brother.

How much money does Katie have left?

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Question 7: The attendance at a Sheffield United match is 15,291

$\frac{2}{9}$ of the crowd are children.



How many adults attended the match?

Question 8: There are 194 students in a primary school.

Mr Wallace says that exactly $\frac{1}{4}$ of the students are left handed.

Explain why Mr Wallace must be wrong.

Question 9: Connor has saved £450.

He spends $\frac{1}{5}$ of the £450 on a new tyre for his car.

Connor spends $\frac{2}{3}$ of the £450 on a new guitar.

What fraction of the £450 does Connor have left?

Question 10: The size of a jar of coffee is increased by one-fifth.
The new size is later reduced by one-fifth.
Is the new jar smaller, the same size or larger than the original?
Explain how you worked out your answer.

Question 11: A company earns £3,178,784 in 2016.

$\frac{4}{7}$ of the income is spent on salaries.

How much money does the company spend on salaries in 2016?

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