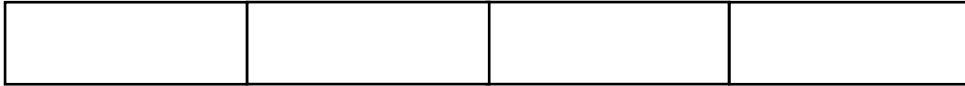


Fractions and Percentages Targeted Feedback

T1

Work out the calculations below. You may use the bar models to help you.

$$\frac{1}{4} \text{ of } 60$$



$$\frac{2}{5} \text{ of } 35$$



$$\frac{5}{6} \text{ of } 48$$



T2

a

Billy has £40 pocket money. He spends 15% on a present for his little sister. He spends a further 30% on going to the cinema.

How much money does he have left?

You must show your working.

B

Joanne has £75 saved up. She spends 30% on a present for her brother. She spends a further 20% on going out with her friends.

How much does she have left?

You must show your working.

T3

- A Bill is thinking of a number. One eighth of Bill's number is 20. What is the number of which Bill was thinking?
- B Amy is thinking of a number. One quarter of Amy's number is 120. Of which number is Amy thinking?
- C Alisha is thinking of a number. One tenth of Alisha's number is 35. Of what number is Alisha thinking?
- D Stuart is thinking of a number. Half of the number of which Stuart is thinking is 35. Of what number is Stuart thinking?
- E Aysha is thinking of a number. Two thirds of the number of which she is thinking is 68. Of what number is Aysha thinking?
- F James is thinking of a number. Seven-eighths of his number is 21. What is the number of which he is thinking?

T4

- A Work out 85% of 240.
- B Work out 65% of 360.
- C Work out 84% of 300.
- D Work out 55% of 150.
- E Work out 165% of 80.
- F Work out 245% of 120.

Practice work

Answer the following questions.

- 1 85% of 0.823
- 2 52% of 250
- 3 8% of $\frac{5}{6}$
- 4 12% of £849 to the nearest penny
- 5 0.829×0.29
- 6 35% of $\frac{5}{8}$ of £540 to the nearest penny