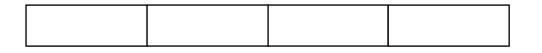
Fractions and Percentages Targeted Feedback

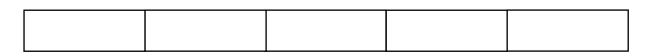
T1

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

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



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



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

Т2

а

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.

В

Joanne has \pm 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.

Т3

- 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?

Τ4

- 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.

T5 Match the cards of equal value.

Т6

Τ7

		$\frac{2}{3}$ of 60			50% of 180	D					
		$\frac{3}{4}$ of 120			25% of 220	D					
		$\frac{5}{8}$ of 88			20% of 200	D					
		$\frac{4}{5}$ of 150			10% of 1670						
		$\frac{7}{10}$ of 240			30% of 400	0					
Round the following calculator displays to the nearest penny.											
А	0.92	8 B	1.833	С	2.992	D	8.939				
E	0.93	8 F	0.8391	G	38.9219	Н	3.028				
I	2.91	8 J	3.9988	К	0.002	L	93.8201				
Show which of these is the greater in value.											

A 150% of 90 $\frac{7}{8}$ of 160

B 350% of 25 $\frac{1}{2}$ of 175

C 42% of 800 $\frac{2}{5}$ of 825

T8 A Work out 45% of $\frac{7}{8}$ of £350 to the nearest penny.

B Work out $\frac{4}{5}$ of 55% of £5050 to the nearest penny.

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