

# Maths

Addition, Subtraction,  
Multiplication and Division

# Tabletop Olympics

# Aim

- I can use estimation to check the answers to a calculation.

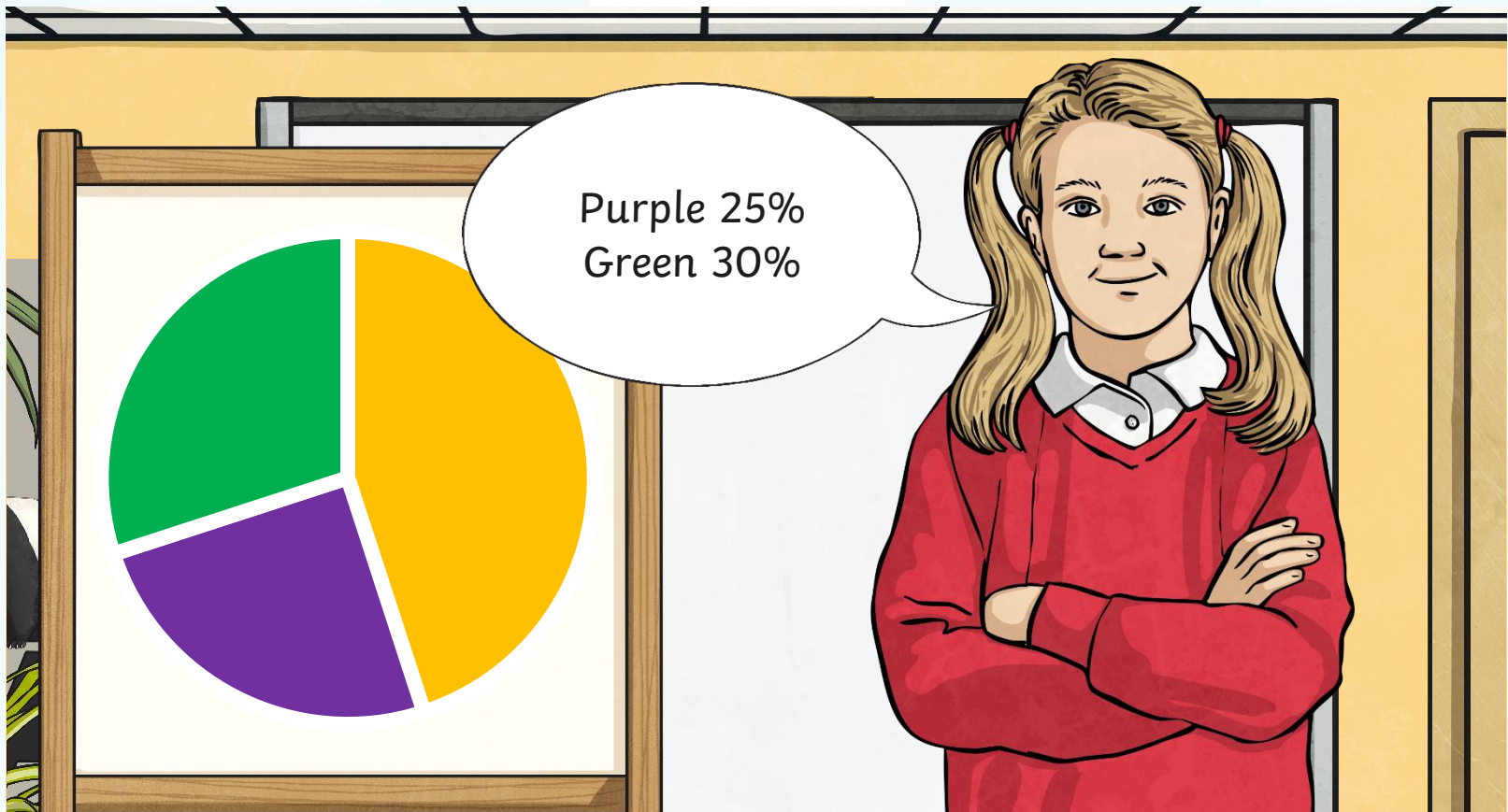
# Success Criteria

- I know what 'estimation' means.
- I can use rounding to help me estimate.

# Excellent at Estimation



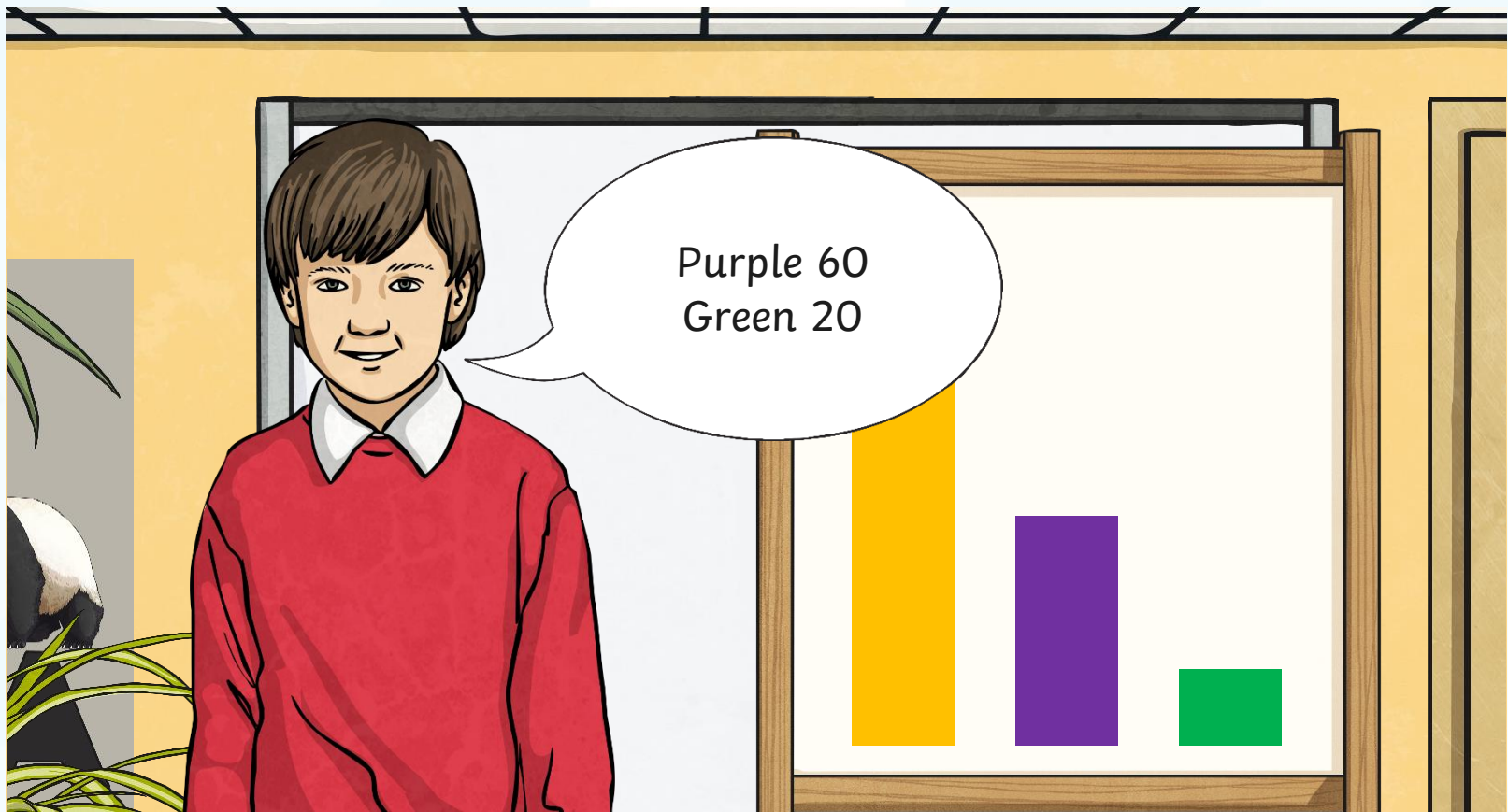
Estimate the percentage of purple and green.



# Excellent at Estimation



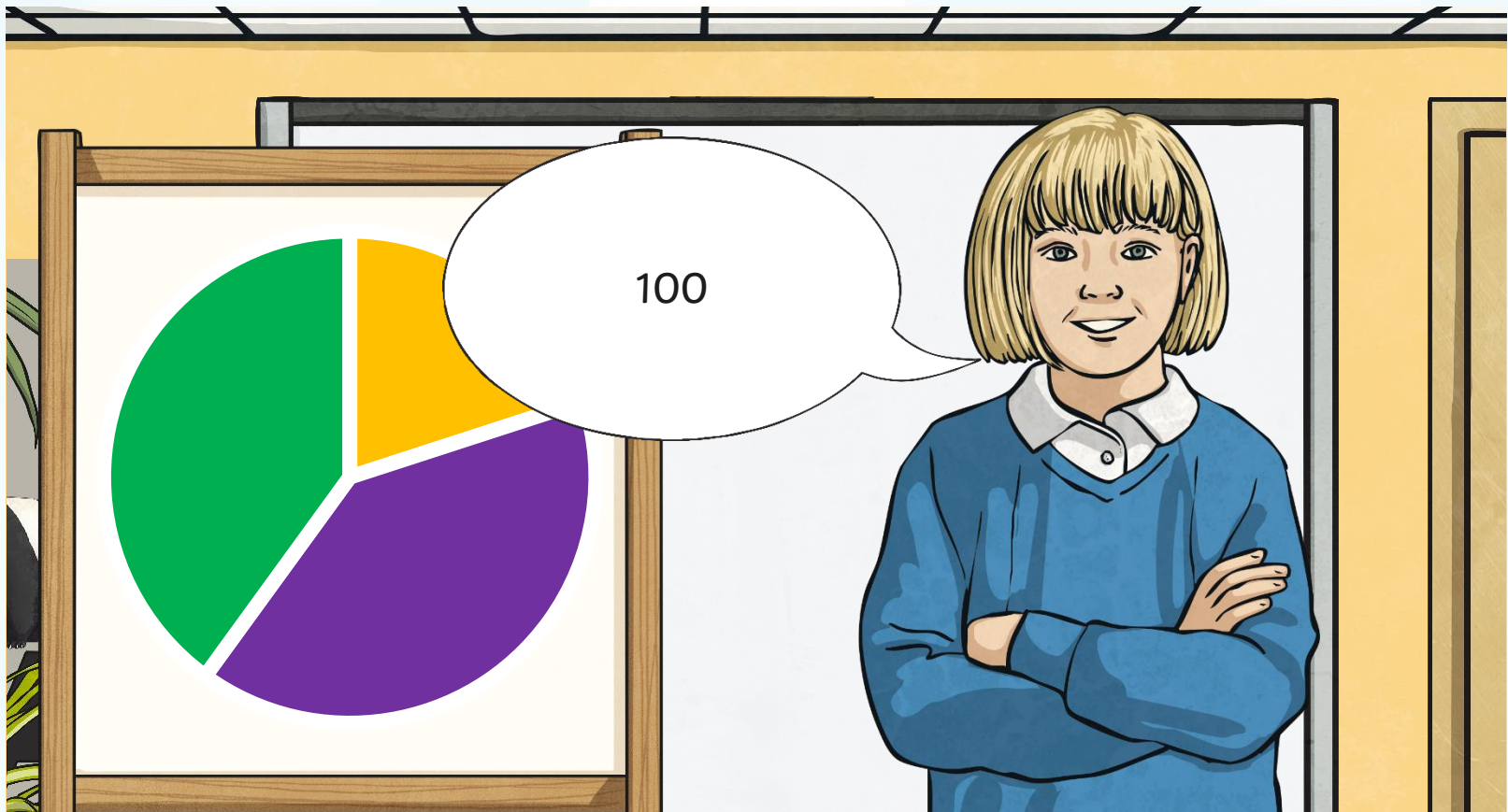
If orange is worth 120, how much do you think purple and green are worth?



# Excellent at Estimation



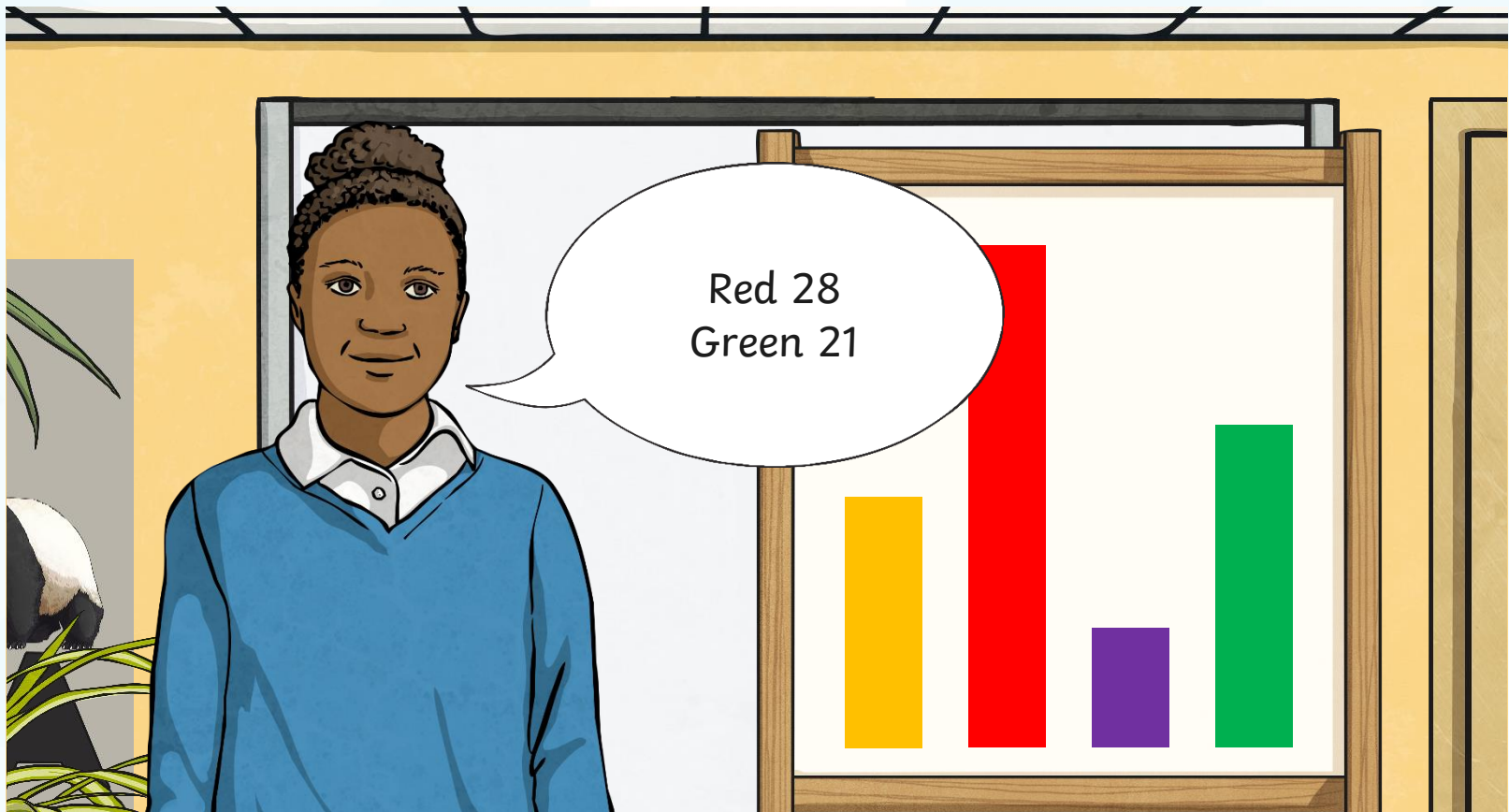
If orange is worth 25, what is the total of purple of green?



# Excellent at Estimation



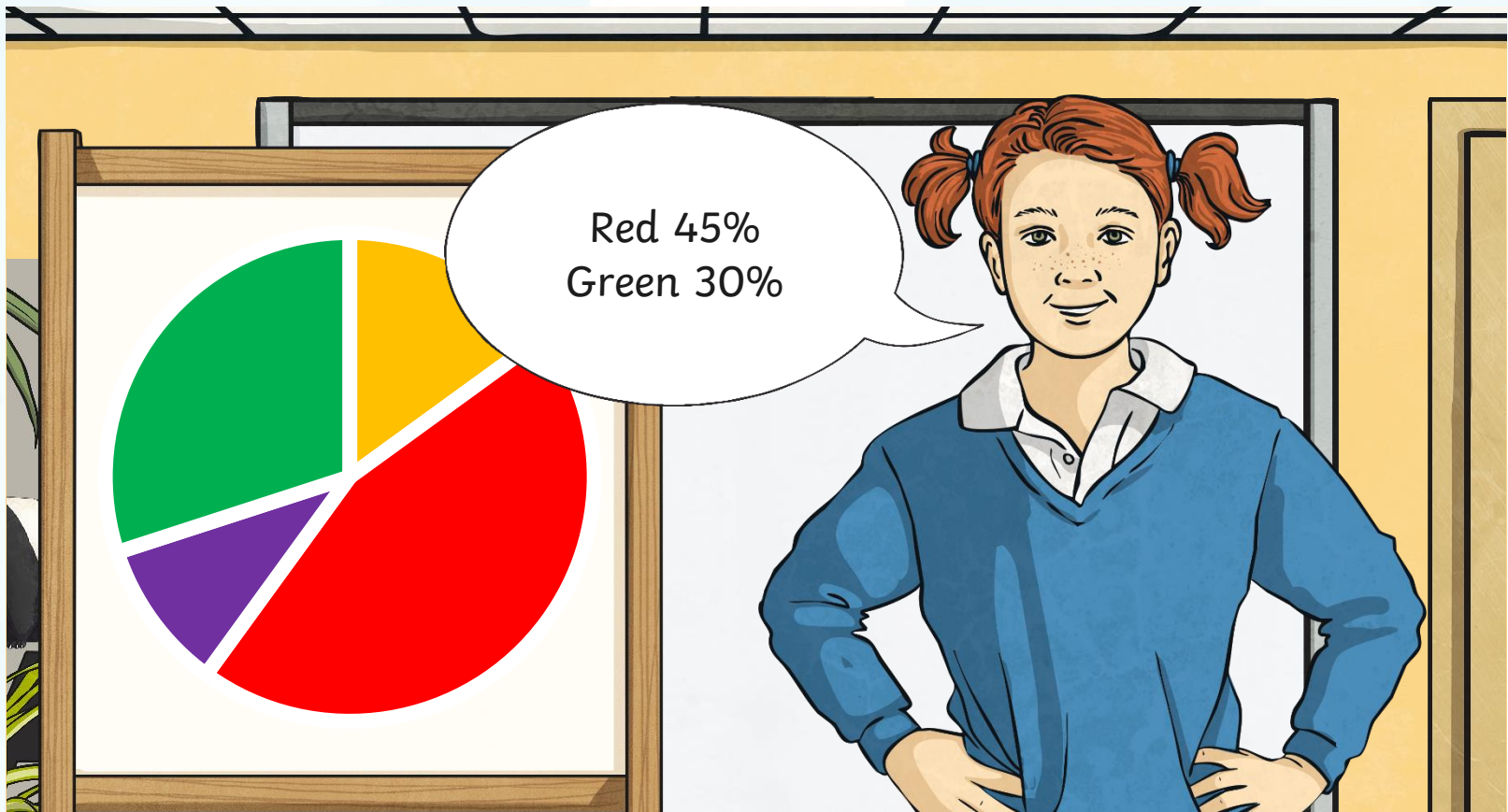
If orange is worth 14, estimate what red and green are worth.



# Excellent at Estimation



Estimate the percentage of red and green.





# Training for the Olympics

What does the term 'estimation' mean?



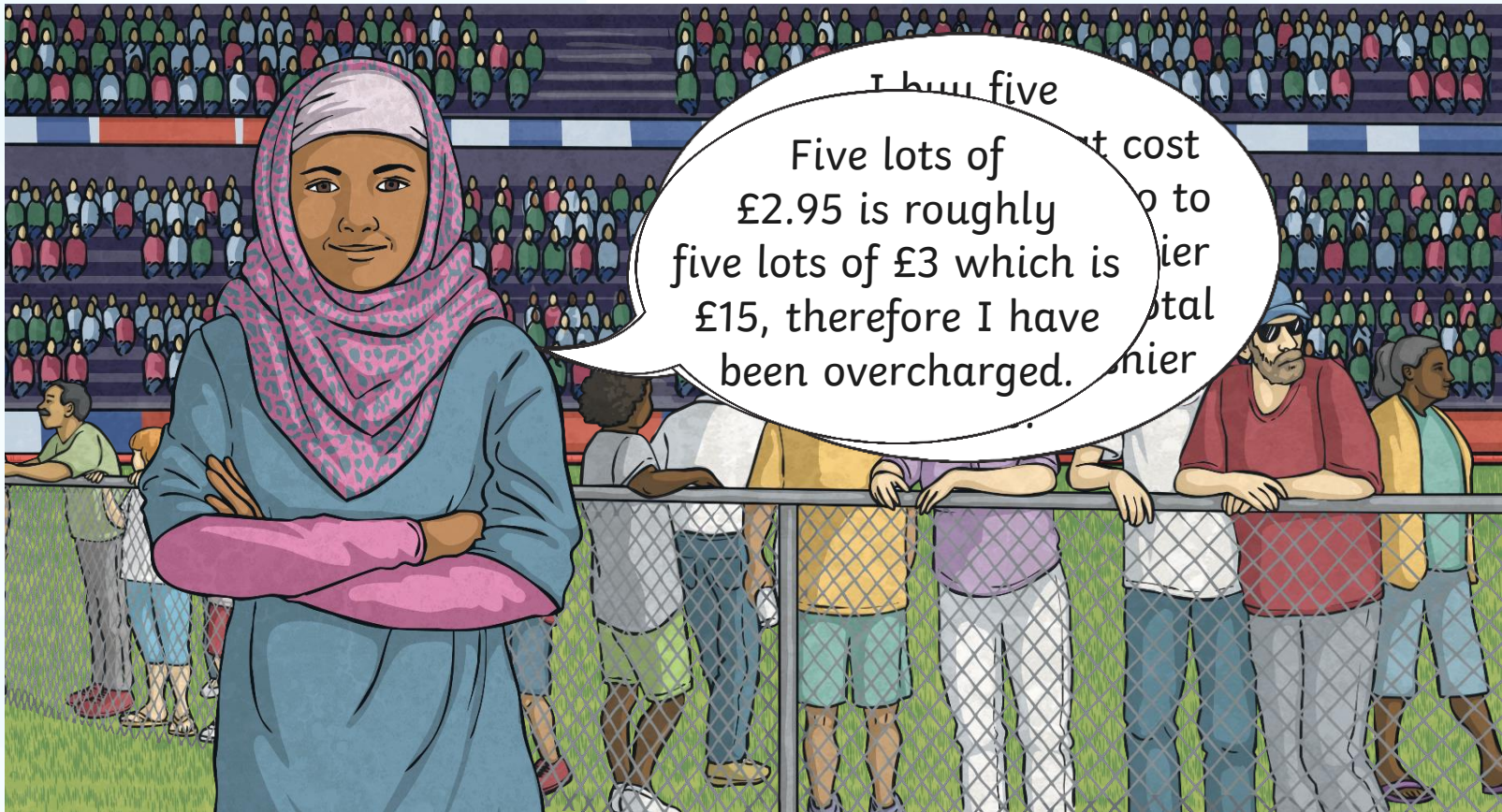
# Training for the Olympics

Can you think of any events where estimation can be used?



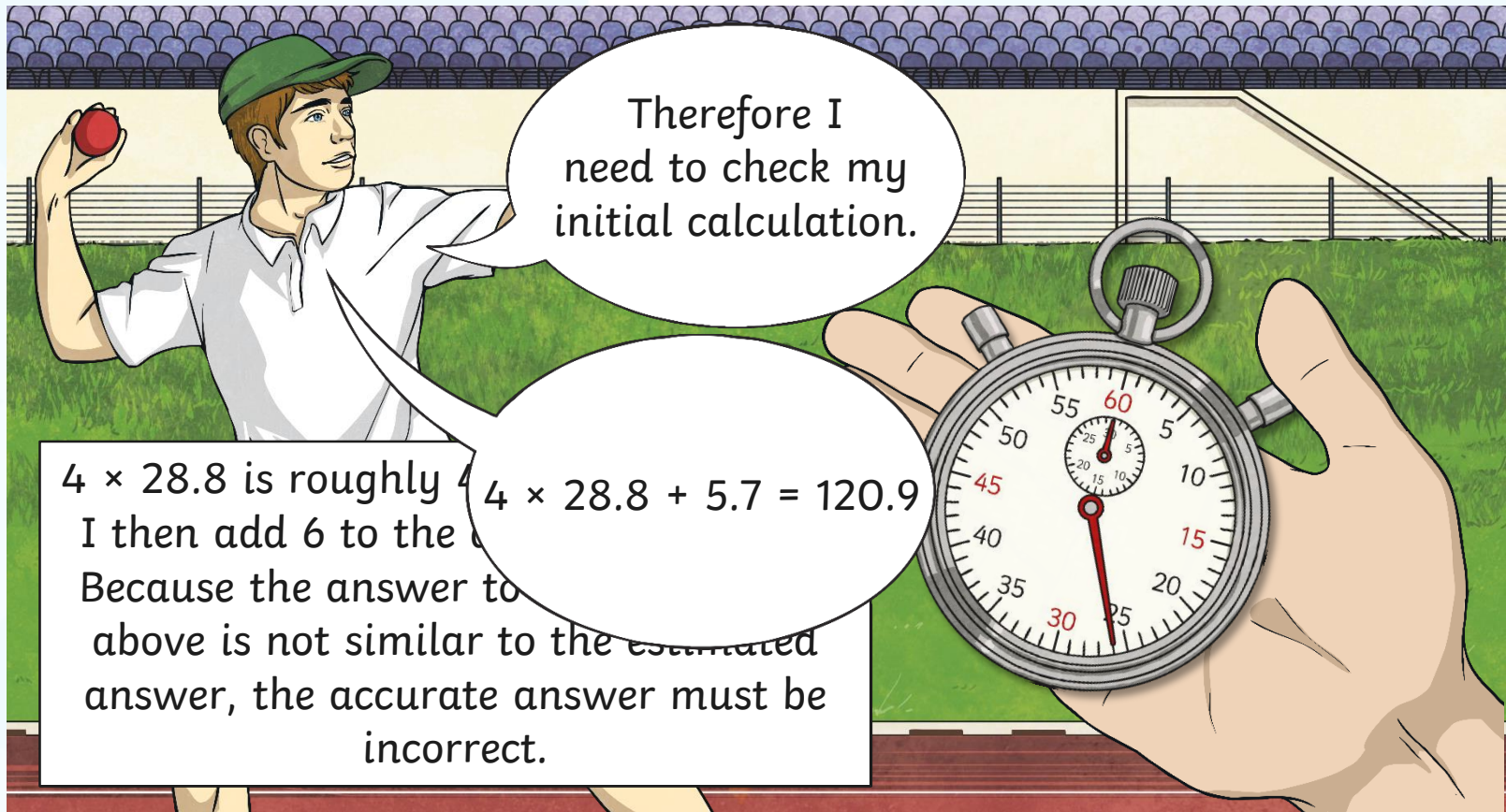
# Training for the Olympics

Estimation can be used to check the total of amounts.

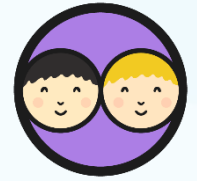


# Training for the Olympics

Estimation can be used to ensure you have not made a mistake when calculating answers.



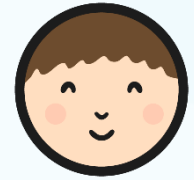
# Preliminaries



Use estimation to help you select the correct track position.



# Tabletop Olympics



Use your excellent estimation skills to complete these activities:

**Runner**

Question	Workings

**Finger Tennis Scorecard**

I can use estimating to check the answers to a calculation.

Take turns to flick your scrunched paper ball or marble on the Finger Tennis Game board. Copy the calculation that you land onto this sheet. Complete the number calculation to check your answers. The answer to each question will be your score. The player with the highest score at the end of the lesson wins.

Question	Workings
$13\ 485.56 - 5583.38$	$(2.8 \times 9) + 4$
$667.4 + 395.6 + 298.4$	$829$ $57$
$7589.3 + 396.5 + 396.8$	$1.5 \times 8 \times 100$
$833 + 8.5$	$1.5 \times$
$15.9 \times 193$	$558 - (12\ 000 +$

**School Olympic**

I can use estimating to check the answers to a calculation.

How far can you throw a beanbag?

Find the total distance of three beanbag throws.

	Measurement in centimetres	Check your answer using estimation. Show your workings.
Attempt 1		
Attempt 2		
Attempt 3		
Total distance		

Find the total distance of three beanbag throws.

	Measurement in centimetres	Check your answer using estimation. Show your workings.
Distance ran in 20 seconds		
Distance ran in 40 seconds		
Distance ran in a minute		
Distance ran in five minutes		
Distance ran in 20 minutes		

# Awarding Ceremony

Select a calculation that you have completed this lesson and explain to your partner how you have used estimation to check the answer.



# Aim



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