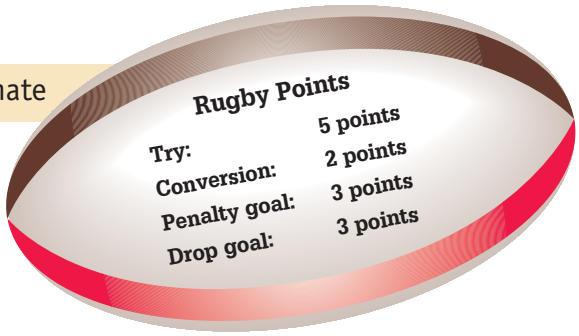
Keeping Score

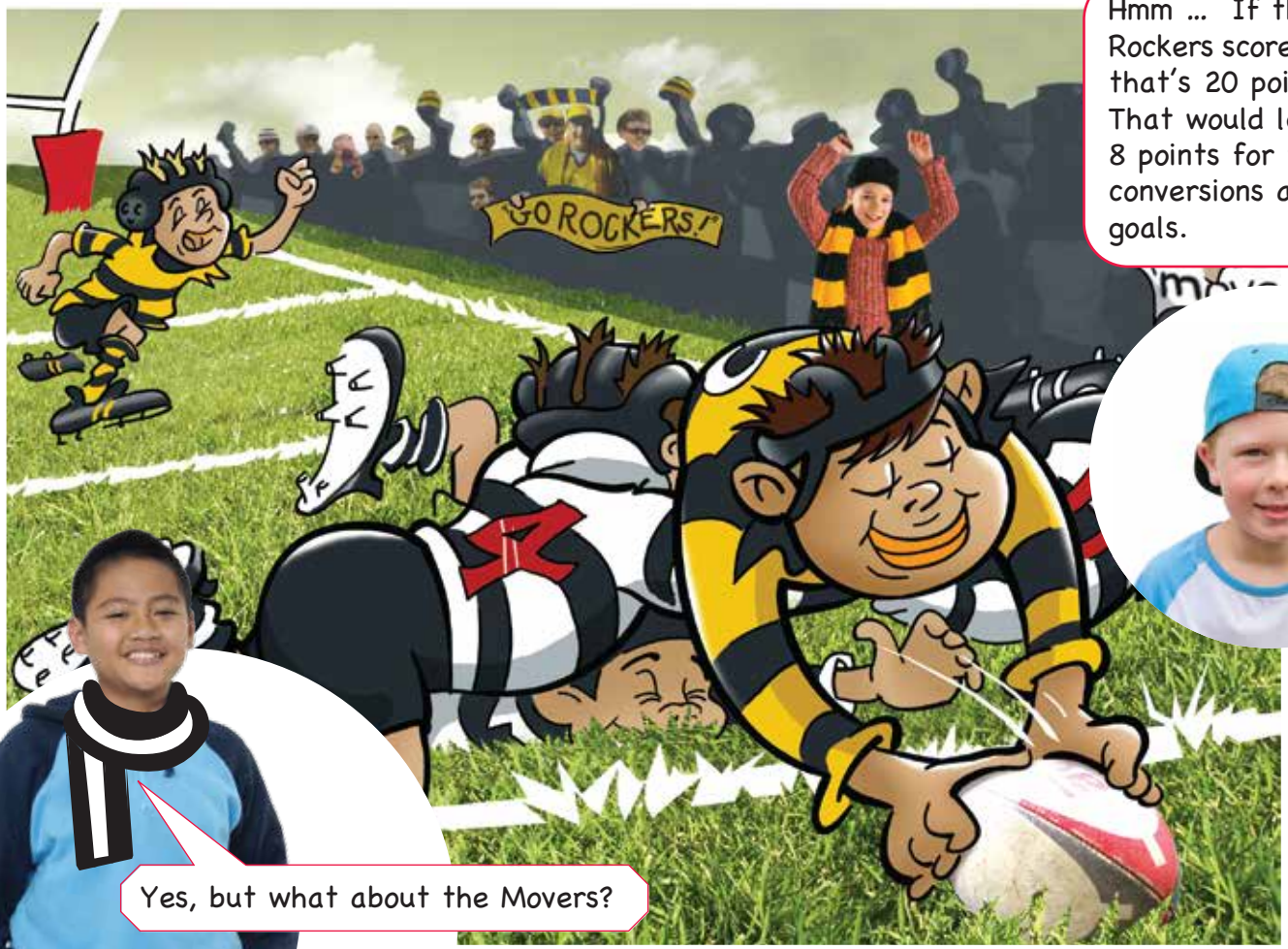
You need ☑ a bead frame (optional) ☑ a classmate



Activity One

Marnie supports her local junior rugby team, Rangi's Rockers.

1. In their first game, Rangi's Rockers played Tony's Tacklers.
   a. Use the information in the rugby ball above to work out the final score:
      - The Rockers scored 4 tries, 2 conversions, and 1 penalty goal.
      - The Tacklers didn't get any tries, but they scored from 6 penalty goals.
   b. Which team won? How many points did they win by?
2. Next, the Rockers played Manu's Movers. The final score was 28–17 to the Rockers. There were no drop goals.
   a. Work out all the scoring possibilities.



You may find it helpful to set out your ideas in a table like this:

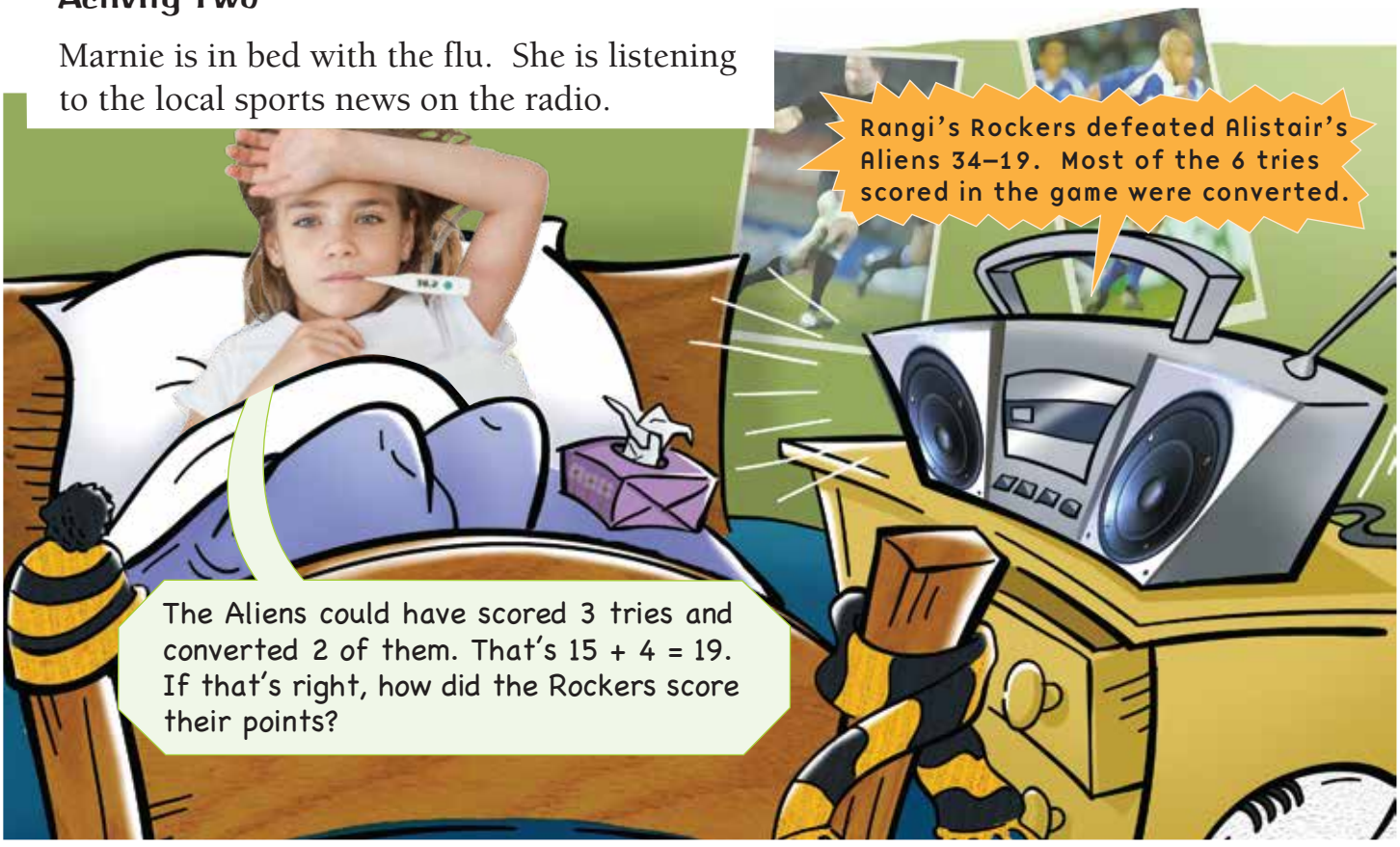
Rockers 28				Movers 17			
Tries (5 points)	Conversions (2 points)	Penalty and drop goals (3 points)	Total points	Tries (5 points)	Conversions (2 points)	Penalty and drop goals (3 points)	Total points
5 x 5 =	0 x 2 =	1 x 3 =		3 x 5 =	1 x 2 =	0 x 3 =	
4 x 5 =							

b. What strategy did you use to decide if a way of scoring the points was possible?

c. If there were 4 tries in the match and 2 of them were converted, how could the teams have scored their points?

Activity Two

Marnie is in bed with the flu. She is listening to the local sports news on the radio.



1. Answer Marnie's question. Explain your answer.

2. Marnie realises there are other ways the two teams could have scored their points.

   a. Find another way.

   b. Compare your strategy with a classmate's.