



Teacher Notes and Answer Page - Red Roses RWC

Potential discussion topics

What do you think will be the legacy of this team?

Should the womens' game get as much coverage as the mens'?

How can more girls be encouraged to play rugby/sports in general?

Section 1 - Statistics & Data

1. a) 444,470
b) 444,500
c) 444,000
d) 81,890
e) 81,900
f) 82,000

2. $444,465 \div 32 = \underline{13,889}$

3. $444,465 - 81,885 = 362,580$
 $362,580 \div 31 = \underline{11,696}$

4. a) $444,465 - 277,000 = \underline{167,465}$

b) $(167,465 \div 277,000) \times 100 = \underline{60.5\%}$

5. a) $444,465 \times 1.20 = \underline{533,358}$

b) 533,360

c) 533,300

d) 533,000

Section 2 - Practical Maths

To be written in a formal yet persuasive tone, ensuring that figures are used to try and sell sponsorship packages.

- 60.5%
- 533,358
- Gold - $533,358 \times £0.5 = \underline{£266,679}$
Silver - $533,358 \times £0.25 = \underline{£133,339.50}$
Bronze - $533,358 \times £0.1 = \underline{£53,335.80}$
- Fans - $533,358 \times 0.20 = \underline{106,671}$
Gold - $106,671 \times £0.5 = \underline{£53,335.80}$
Silver - $106,671 \times £0.25 = \underline{£26,667.75}$
Bronze - $106,671 \times £0.1 = \underline{£10,671.10}$

Section 3 - Problem Solving

1. $16,240 \div 920 = 17.65 = \underline{18 \text{ trains}}$

$18 \times 5 \text{ minutes} = \underline{90 \text{ minutes}} = \underline{1.5 \text{ hours}}$

2. Richmond > Victoria (13 stops)

$13 \times 3 \text{ mins} = 39 \text{ mins} = \underline{11 \text{ minute walk}}$

3. Richmond > Edgware Road (14 stops)

$14 \times 3 \text{ mins} = 42 \text{ minutes} = \underline{22:07}$

4. Richmond > Victoria = £4.50

Victoria > Brighton = £14.50

$£14.50 + £4.50 = £18.50$

$£18.50 \times 4 = \underline{£74}$

5. Richmond > Victoria (39mins) (£4.50)

Change (6mins)

Victoria > King's Cross (15mins) (£2.80) = 60min

$£4.50 + £2.80 = \underline{£7.30}$

$£7.30 \times 150 = \underline{£1,095}$

$£1,095 \times 0.80 = \underline{£876}$