LOTTERY FUNDED

## Theme 7

## Champions

## Teacher Answer Sheet

Pupil Activity Sheet 1: Completing the Northern Ford Premiership Final Table 2002

| Position | Team | Pd | W | D | L | Points |  | Pts |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | For | Against |  |
| 1 | Huddersfield | 27 | 26 | 1 | 0 | 1156 | 256 | 53 |
| 2 | Leigh | 27 | 21 | 1 | 5 | 1021 | 426 | 43 |
| 3 | Rochdale Hornets | 27 | 19 | 1 | 7 | 809 | 582 | 39 |
| 4 | Hull Kingston Rovers | 27 | 18 | 1 | 8 | 715 | 468 | 37 |
| 5 | Featherstone Rovers | 27 | 18 | 1 | 8 | 836 | 604 | 37 |
| 6 | Doncaster | 27 | 16 | 1 | 10 | 741 | 603 | 33 |
| 7 | Batley | 27 | 16 | 1 | 10 | 658 | 666 | 33 |
| 8 | Whitehaven | 27 | 15 | 1 | 11 | 647 | 600 | 31 |
| 9 | Oldham | 27 | 13 | 3 | 11 | 748 | 553 | 29 |
| 10 | Dewsbury | 27 | 14 | 1 | 12 | 723 | 616 | 29 |
| 11 | Workington | 27 | 13 | 0 | 14 | 677 | 677 | 26 |
| 12 | Sheffield Eagles | 27 | 13 | 0 | 14 | 597 | 648 | 26 |
| 13 | Barrow | 27 | 12 | 1 | 14 | 707 | 670 | 25 |
| 14 | Keighley Cougars | 27 | 7 | 0 | 20 | 488 | 906 | 14 |
| 15 | Swinton | 27 | 6 | 1 | 20 | 473 | 918 | 13 |
| 16 | Chorley Lynx | 27 | 5 | 0 | 22 | 477 | 994 | 10 |
| 17 | Hunslet | 27 | 3 | 1 | 23 | 438 | 954 | 7 |
| 18 | Gateshead Thunder | 27 | 0 | 1 | 26 | 338 | 1108 | 1 |

Pupil Activity Sheet 2: Match Results 2001-2002

1. Sunday 9th December, 2001
2. away (on Doncaster's ground)
3. 20
4. 4
5. Huddersfield won (by 20 points to 4 )
6. Doncaster
7. Whitehaven
8. Hull Kingston Rovers
9. three

10a) Keighley Cougars
10b) Hunslet
10c) Batley
11. April

12a) It is usual for the scores in the home and away matches between the same teams to be different.
12b) There are many reasons for this. Accept any of:

- Teams usually play better on their own ground where:
they are familiar with the surroundings
they have the support of most of the crowd
they are less tired from travelling.
- Either team might not have the same players for both matches because of:
injuries
transfers in or out of the club suspensions.
- Some players might be playing with a slight injury or feeling unwell, causing them to play less well in one of the matches.
- Either team might also have improved or deteriorated because:
it has learned from the first match between of the two teams and altered its tactics of changes in form and confidence of a change of coach.
- Either team might have better luck with the bounce of the ball or the referee's decisions in one of the matches.
- Either team might have players sent to the sin-bin or sent off in one of the matches.
- The pitch or weather conditions might favour a team more in one of the matches. For example:
dry conditions might favour a good passing team or a team with faster backs muddy conditions might favour the team that has stronger forwards.



## Pupil Activity Sheet 3: The Northern Ford Premiership Final Table 2002 PART A

1. Huddersfield
2. Gateshead Thunder
3. Swinton
4. a) Workington
b) Featherstone Rovers
c) Batley
5. Swinton
6. Rochdale Hornets
7.5
7. 15
8. a) false
b) false
9. 8

## PART B

1. Huddersfield; Leigh; Rochdale Hornets; Featherstone Rovers
2. Huddersfield; Leigh; Hull Kingston Rovers; Oldham
3. Workington
4. a) true
b) true
c) true
d) false
5. a) Keighley Cougars
b) Batley
c) Barrow
d) Dewsbury
6. a) Swinton:
b) Oldham:
c) Leigh:
d) Dewsbury:
e) Batley:

$$
\begin{aligned}
(6 \times 2)+(\underline{1} \times 1) & =\frac{12}{13}+\frac{1}{\text { points }} \\
& =1
\end{aligned}
$$

$$
\begin{aligned}
(13 \times 2)+(\underline{3} \times 1) & =26+\underline{3} \\
& =\underline{29} \text { points } \\
(\underline{21} \times 2)+(\underline{1} \times 1) & =42+\underline{1} \\
& =\underline{43} \text { points } \\
(\underline{14} \times \underline{2})+(\underline{1} \times \underline{1}) & =\underline{28}+\underline{1} \\
& =\underline{29} \text { points } \\
(\underline{16} \times \underline{2})+(\underline{1} \times \underline{1}) & =\underline{32}+\underline{1} \\
& =\underline{33} \text { points }
\end{aligned}
$$

## PART C

1. 27
2. 18
3. 17
4. 34
5. B Every team played some other teams once and some twice.

6a) child's choice of yes / not entirely / no.
6b) Logical explanation of child's choice for 6a above; suggest:
If 'yes'; It is fair because all the teams played the same number of matches, including all the others at least once, and enough matches were played to produce a fair order showing the standard of the teams.
If 'not entirely; It is fair that the teams played the same number of matches but they should have played all the teams the same number of times as some teams might have played most of the stronger teams twice whilst others might have played most of the weaker teams twice.
If 'no': It is unfair because some teams might have played most of the stronger teams twice whilst others might have played most of the weaker teams twice.
7a)

| Change to League Table | Might have <br> happened | Very <br> unlikely |
| :--- | :---: | :---: |
| Huddersfield would not have been champions |  | $/$ |
| Dewsbury would have finished higher | $/$ |  |
| Keighley Cougars would have finished higher |  | $/$ |
| Workington would have finished lower | $/$ |  |
| Gateshead would not have finished bottom |  | $/$ |

7b) Some of the above might have happened because it would not have taken many points to achieve the changes. Dewsbury were level on points with Oldham, immediately above them. Workington were level on points with Sheffield and only one ahead of Barrow immediately below them.
7c) Some of the above are very unlikely because it would have taken a large number of points to achieve the changes. Leigh would have needed to gain at least ten more points than Huddersfield, requiring them win five times whilst Huddersfield lost five times - most unlikely as Huddersfield had not lost all season. Similarly, Keighley would have needed to gain eleven points on Barrow; Gateshead, having managed only one point in 27 games, would have needed to pull back at least six points on Hunslet.

Pupil Activity Sheet 4: Results and Table 2001-2002

1. 8th
2. 100
3. 6th
4. Hunslet
5. Rochdale Hornets
6. true
7. Hull Kingston Rovers
8. false (Gateshead Thunder scored 18 points in their $50-$ 18 defeat on 25th August)

Pupil Activity Sheet 5: Completing the Match Results 1914-15
Huddersfield NURFC Match Results, Season 1914-15

| Date |  | Opponents | Venue | Points |  | Result |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | For |  | Against |  |
| Championship and Yorkshire League Matches (*matches counted towards both competitions |  |  |  |  |  |  |
| Sep | Sat 5 |  | Keighley* | away | 18 | 0 | W |
|  | Mon 7 | WARRINGTON | HOME | 12 | 13 | L |
|  | Sat 12 | Bradford Northern* | away | 5 | 5 | D |
|  | Sat 19 | HALIFAX* | HOME | 15 | 8 | W |
|  | Sat 26 | York* | away | 7 | 7 | D |
| Oct | Sat 3 | BATLEY* | HOME | 10 | 5 | W |
|  | Sat 10 | Barrow | away | 8 | 18 | L |
|  | Sat 24 | Dewsbury* | away | 16 | 4 | W |
| Nov | Sat 21 | Batley* | away | 17 | 2 | W |
| Dec | Thurs 3 | Halifax* | away | 17 | 12 | W |
|  | Sat 5 | Bramley* | away | 34 | 7 | W |
|  | Wed 9 | HULL KINGSTON ROVERS* | HOME | 52 | 11 | W |
|  | Sat 12 | BRADFORD NORTHERN* | HOME | 60 | 7 | W |
|  | Sat 19 | Wigan | away | 18 | 0 | W |
|  | Fri 25 | HULL* | HOME | 20 | 10 | W |
|  | Sat 26 | Wakefield Trinity* | away | 44 | 4 | W |
| Jan | Fri 1 | Warrington | away | 26 | 10 | W |
|  | Sat 2 | LEEDS* | HOME | 27 | 10 | W |
|  | Sat 9 | OLDHAM | HOME | 23 | 3 | W |
|  | Sat 16 | Hunslet* | away | 21 | 5 | W |
|  | Sat 23 | WIGAN | HOME | 7 | 6 | W |
|  | Wed 27 | HUNSLET* | HOME | 25 | 5 | W |
|  | Sat 30 | BRAMLEY* | HOME | 79 | 0 | W |
| Feb | Sat 6 | Hull* | away | 11 | 8 | W |
|  | Wed 10 | SALFORD | HOME | 38 | 2 | W |
|  | Sat 13 | KEIGHLEY* | HOME | 37 | 0 | W |
|  | Sat 20 | Leeds* | away | 5 | 5 | D |
| Mar | Sat 6 | Hull Kingston Rovers* | away | 15 | 15 | D |
|  | Wed 17 | DEWSBURY* | HOME | 37 | 5 | W |
|  | Sat 20 | Oldham | away | 28 | 8 | W |
|  | Wed 24 | WAKEFIELD TRINITY* | HOME | 57 | 18 | W |
| Apr | Sat 3 | Salford | away | 10 | 6 | W |
|  | Mon 5 | BARROW | HOME | 59 | 5 | W |
|  | Tues 6 | YORK* | HOME | 30 | 11 | W |
|  | Sat 17 | ROCHDALE H (Semi-Final) | HOME | 38 | 3 | W |
|  | Sat 24 | Leeds (Final) | Wakef'd | 35 | 2 | W |
| Yorkshire Cup Matches |  |  |  |  |  |  |
| Oct | Fri 2 | York | away | 24 | 13 | W |
| Nov | Thurs 5 | Halifax | away | 10 | 2 | W |
|  | Sat 14 | HUNSLET (Semi-Final) | HOME | 64 | 3 | W |
|  | Sat 21 | Hull (Final) | Leeds | 31 | 0 | W |
| Challenge Cup Matches |  |  |  |  |  |  |
| Feb | Sat 27 | Leigh | away | 3 | 0 | W |
| Mar | Sat 13 | Widnes | away | 29 | 3 | W |
|  | Sat 27 | SALFORD | HOME | 33 | 0 | W |
| Apr | Sat 10 | WIGAN (Semi-Final) | Hunslet | 27 | 2 | W |
| May | Sat 1 | St Helens (Final) | Oldham | 37 | 3 | W |

Pupil Activity Sheet 6: Northern Union Rugby Football Final Table 1914-15

| Position | Team | Pld | W | D | L | Points |  | Pts | \%age pts gained |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | For | Against |  |  |
| 1 | Huddersfield | 34 | 28 | 4 | 2 | 888 | 235 | 60 | 88.24 |
| 2 | Wigan | 32 | 25 | 1 | 6 | 679 | 206 | 51 | 79.69 |
| 3 | Leeds | 34 | 24 | 3 | 7 | 486 | 207 | 51 | 75.00 |
| 4 | Rochdale Hornets | 34 | 24 | 2 | 8 | 306 | 194 | 50 | 73.53 |
| 5 | Hull | 36 | 24 | 1 | 11 | 705 | 301 | 49 | 68.06 |
| 6 | Broughton Rangers | 30 | 18 | 1 | 11 | 308 | 289 | 37 | 61.67 |
| 7 | St Helens | 32 | 19 | 0 | 13 | 368 | 342 | 38 | 59.38 |
| 8 | Halifax | 34 | 18 | 3 | 13 | 342 | 268 | 39 | 57.35 |
| 9 | Oldham | 34 | 17 | 4 | 13 | 375 | 301 | 38 | 55.88 |
| 10 | Wakefield Trinity | 32 | 17 | 1 | 14 | 309 | 340 | 35 | 54.69 |
| 11 | Hull Kingston Rovers | 34 | 17 | 2 | 15 | 374 | 324 | 36 | 52.94 |
| 12 | Widnes | 32 | 14 | 3 | 15 | 291 | 292 | 31 | 48.44 |
| 13 | Warrington | 32 | 14 | 3 | 15 | 242 | 323 | 31 | 48.44 |
| 14 | Batley | 34 | 15 | 1 | 18 | 229 | 288 | 31 | 45.59 |
| 15 | Leigh | 31 | 14 | 0 | 17 | 252 | 185 | 28 | 45.16 |
| 16 | Swinton | 30 | 13 | 1 | 16 | 171 | 240 | 27 | 45.00 |
| 17 | Dewsbury | 32 | 12 | 2 | 18 | 310 | 353 | 26 | 40.63 |
| 18 | Hunslet | 32 | 12 | 0 | 20 | 298 | 356 | 24 | 37.50 |
| 19 | Bradford Northern | 32 | 11 | 1 | 20 | 249 | 464 | 23 | 35.94 |
| 20 | Bramley | 32 | 11 | 1 | 20 | 143 | 474 | 23 | 35.94 |
| 21 | Salford | 30 | 8 | 4 | 18 | 134 | 313 | 20 | 33.33 |
| 22 | Barrow | 32 | 10 | 1 | 21 | 288 | 363 | 21 | 32.81 |
| 23 | York | 32 | 9 | 2 | 21 | 261 | 422 | 20 | 31.25 |
| 24 | Keighley | 30 | 6 | 2 | 22 | 120 | 542 | 14 | 23.33 |
| 25 | Runcorn | 27 | 0 | 1 | 26 | 84 | 590 | 1 | 1.85 |

## Pupil Activity Sheet 7: Match Results 1914-15

1. Saturday
2. Most matches were played on Saturdays because it is a weekend day when most adults were not at work, at least in the afternoons, and children were not at school so they are able to attend the matches, giving the club higher crowds and more gate money.
3. 


4. December (1914), January (1915)
5. September (1914)
6. Wakefield Trinity
7. Halifax $\longrightarrow$ came closest to beating Huddersfield In the Yorkshire Cup
Hull Kingston Rovers
8. Huddersfield 79 Bramley 0
9. 10
10. true
11. false (They lost at home against Warrington on 7 September 1914)
12. true
13. false (Hull Kingston Rovers scored 11 and 15 points in their two matches against Huddersfield)
14. true

## Pupil Activity Sheet 8: Northern Union Rugby Football Final Table 1914-15 <br> PART A <br> 1. Huddersfield <br> 2. 10th <br> 3. St Helens <br> 4. Bramley <br> 5. Halifax <br> 6. Hull <br> 7. Runcorn <br> 8. 28 <br> 9. Batley <br> 10. Oldham; Salford <br> 11. four (the top four teams) <br> 12. none <br> 13. Bramley <br> 14. three (St Helens, Leigh and Hunslet) <br> 15. nine (the top eight plus Wakefield Trinity) <br> PART B <br> 1. true <br> 2. false (four teams conceded fewer points) <br> 3. false (Widnes scored less than 300 points) <br> 4. true <br> 5. false (Leigh finished 15th) <br> 6. Leigh <br> 7. Wakefield Trinity; Widnes <br> 8. Halifax <br> 9. Leigh <br> 10. 20 <br> 11. Wigan <br> 12. Oldham

PART C

1. Barrow:

$$
\begin{aligned}
(10 \times 2)+(\underline{1} \times 1) & =\underline{20}+1 \\
& =\underline{21} \text { points }
\end{aligned}
$$

2. Keighley:

$$
(6 \times 2)+(2 \times 1)=\underline{12}+\underline{2}
$$

$=14$ points
3. Hunslet:

$$
(\underline{12} \times 2)+(\underline{0} \times 1)=24+0
$$

$$
=\underline{24} \text { points }
$$

4. Leeds:

$$
(24 \times 2)+(\underline{3} \times 1)=\underline{48}+\underline{3}
$$

$$
=51 \text { points }
$$

5. Halifax:

$$
(\underline{18} \times \underline{2})+(\underline{3} \times \underline{1})=\underline{36}+\underline{3}
$$

$$
=\underline{39} \text { points }
$$

6. Oldham:

$$
\begin{aligned}
(\underline{17} \times 2)+(\underline{4} \times 1) & =\underline{34}+\underline{4} \\
& =\underline{38} \text { points }
\end{aligned}
$$

7. Huddersfield:

$$
\begin{aligned}
(\underline{28} \times \underline{2})+(\underline{4} \times \underline{1}) & =\underline{56}+\underline{4} \\
& =\underline{60} \text { points }
\end{aligned}
$$

## PART D

1. Keighley:

$$
\begin{aligned}
& \frac{14}{30 \times 2} \times 100 \\
= & \frac{14}{60} \times 100
\end{aligned}
$$

2. Swinton:
$=\frac{27}{60} \times 100$
$=45.00 \%$
3. Leigh:
$\frac{28}{31 \times 2} \times 100$
4. Halifax:

$$
=\underline{28} \times 100
$$

$$
62
$$

= 45.16\%

$$
\begin{aligned}
& \frac{39}{34 \times 2} \times 100 \\
= & \frac{39}{68} \times 100 \\
= & 57.35 \%
\end{aligned}
$$

5. Hull:

$$
\begin{aligned}
& \frac{49}{36 \times 2} \times 100 \\
= & \frac{49}{72} \times 100 \\
= & 68.06 \%
\end{aligned}
$$

6. Huddersfield:

$$
\begin{aligned}
& \frac{60}{34 \times 2} \times 100 \\
= & \frac{60}{68} \times 100 \\
= & 88.24 \%
\end{aligned}
$$

7. 25
8. 24
9. 48
10. B Every team played some other teams once and some twice.

11a) child's choice of yes / not entirely / no.
11b) Logical explanation of child's choice for 11a above; suggest:
If 'yes'; It is fair because enough matches were played to produce a fair order showing the standard of the teams, and the league table order was decided on percentage of points a team had gained from the points that they could have gained.
If 'not entirely; It is fair that the order was decided on the percentage points system but they should have played all the teams the same number of times as some teams might have played most of the stronger teams twice whilst others might have played most of the weaker teams twice.
If 'no': It is unfair because some teams might have played most of the stronger teams twice whilst others might have played most of the weaker teams twice.
12a) yes
12b) Any two match results from: Leigh 0 Huddersfield 3; Widnes 3 Huddersfield 29;
Huddersfield 33 Salford 0; Huddersfield 27 Wigan 2; Huddersfield 37 St Helens 3
Pupil Activity Sheet 9: Results and Table 1914-15

1. Warrington
2. York
3. Wakefield Trinity
4. Wigan
5. 22nd
6. a) Hull b) Wigan
7. Bradford Northern

8 a .

| Team | Position |
| :--- | :---: |
| Rochdale Hornets | 4th |
| Broughton Rangers | 6 th |
| St Helens | 7th |
| Widnes | 12th |
| Leigh | 15 th |
| Swinton | 16 th |
| Runcorn | 27 th |

8 b ii) Some of the teams that Huddersfield did not play were in the top half and some were in the bottom half, so Huddersfield had no great advantage or disadvantage.
9a. Huddersfield 3 Leigh 0
9b. yes

Pupil Activity Sheet 10: Northern Union Rugby Football Final Table 1919-20
Teams finishing first to sixth

| Team | Pld | Pts | Estimates |  | Actual |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Percentage <br> Points Gained | Position | Percentage <br> Points Gained | Position |
| Barrow | 32 | 45 |  |  | $\mathbf{7 0 . 3 1}$ | $\mathbf{5}$ |
| Halifax | 34 | 47 |  |  | 69.12 | $\mathbf{6}$ |
| Huddersfield | 34 | 58 |  |  | $\mathbf{8 5 . 2 9}$ | $\mathbf{1}$ |
| Hull | 34 | 51 |  |  | $\mathbf{7 5 . 0 0}$ | $\mathbf{2}$ |
| Leeds | 32 | 46 |  |  | $\mathbf{7 1 . 8 8}$ | $\mathbf{3}$ |
| Widnes | 30 | 43 |  |  | $\mathbf{7 1 . 6 7}$ | $\mathbf{4}$ |

Teams finishing seventh to twelfth

| Team | Pld | Pts | Estimates |  | Actual |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Percentage <br> Points Gained | Position | Percentage <br> Points Gained | Position |
| Batley | 32 | 32 |  |  | $\mathbf{5 0 . 0 0}$ | $\mathbf{1 2}$ |
| Dewsbury | 32 | 38 |  |  | $\mathbf{5 9 . 3 8}$ | $\mathbf{9}$ |
| Oldham | 34 | 43 |  |  | $\mathbf{6 3 . 2 4}$ | $\mathbf{8}$ |
| Rochdale H | 34 | 45 |  |  | $\mathbf{6 6 . 1 8}$ | $\mathbf{7}$ |
| St Helens Recs | 28 | 29 |  |  | $\mathbf{5 1 . 7 9}$ | $\mathbf{1 1}$ |
| Warrington | 30 | 32 |  |  | $\mathbf{5 3 . 3 3}$ | $\mathbf{1 0}$ |

Teams finishing thirteenth to eighteenth

| Team | Pld | Pts | Estimates |  | Actual |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Percentage <br> Points Gained | Position | Percentage <br> Points Gained | Position |
| Leigh | 28 | 26 |  |  | $\mathbf{4 6 . 4 3}$ | $\mathbf{1 4}$ |
| St Helens | 30 | 26 |  |  | $\mathbf{4 3 . 3 3}$ | $\mathbf{1 6}$ |
| Salford | 32 | 29 |  |  | $\mathbf{4 5 . 3 1}$ | $\mathbf{1 5}$ |
| Swinton | 30 | 25 |  |  | $\mathbf{4 1 . 6 7}$ | $\mathbf{1 7}$ |
| Wakefield T | 32 | 26 |  |  | $\mathbf{4 0 . 6 3}$ | $\mathbf{1 8}$ |
| Wigan | 32 | 31 |  |  | $\mathbf{4 8 . 4 4}$ | $\mathbf{1 3}$ |

Teams finishing nineteenth to twenty-fifth

| Team | Pld | Pts | Estimates |  | Actual |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Percentage <br> Points Gained | Position | Percentage <br> Points Gained | Position |
| Bradford N | 32 | 15 |  |  | $\mathbf{2 3 . 4 4}$ | $\mathbf{2 4}$ |
| Bramley | 30 | 20 |  |  | $\mathbf{3 3 . 3 3}$ | $\mathbf{2 0}$ |
| Broughton R | 32 | 16 |  |  | $\mathbf{2 5 . 0 0}$ | $\mathbf{2 3}$ |
| Hull KR | 32 | 22 |  |  | $\mathbf{3 4 . 3 8}$ | $\mathbf{1 9}$ |
| Hunslet | 34 | 18 |  |  | $\mathbf{2 6 . 4 7}$ | $\mathbf{2 2}$ |
| Keighley | 32 | 12 |  | $\mathbf{1 8 . 7 5}$ | $\mathbf{2 5}$ |  |
| York | 30 | 17 |  | $\mathbf{2 8 . 3 3}$ | $\mathbf{2 1}$ |  |

Pupil Activity Sheet 10: Comparing 1914-15 with 2001-2002
1.

|  | 1914-15 |  |
| :--- | :--- | :--- |
| Team(s) with the most <br> drawn matches <br> and number of <br> matches they drew | Huddersfield <br> Oldham <br> Salford <br> (all drew 4 matches) | Oldham <br> (drew 3 matches) |
| Number of teams <br> which drew two or <br> more matches | 12 | 1 |
| Number of teams <br> which drew no <br> matches | 3 | 4 |

2. a) A drawn match was more likely in 1914-15 compared to 2001-02.
3. 

| Season | $\mathbf{1 9 1 4 - 1 5}$ | 2001-02 |
| :---: | :---: | :---: |
| Total Number of Matches Played | 402 | 243 |
| Total Number of Drawn Matches | 22 | 8 |

One of:
Divide the total number of matches by the number of drawn matches to find how frequently drawn matches occurred in each of the seasons.
Divide the number of drawn matches by the total number of matches and multiply by 100 to find the percentage of matches that were drawn match in each of the seasons.
4. One of:

Frequency of drawn matches: 1914-15: $\quad 402 \div 22=18.27$ matches played per drawn match 2001-02: $\quad 243 \div 8=30.38$ matches played per drawn match
\%age of matches that were drawn: 1914-15: $\quad \underline{22} \times 100=5.47$
402
2001-02: $\quad \underline{8} \times 100=3.29$
243
5.

|  | 1914-15 | 2001-02 |
| :--- | :---: | :---: |
| Team scoring the most <br> points and number of <br> points they scored | Huddersfield; 888 points | Huddersfield; 1156 points |
| Team conceding the <br> most points and <br> number of points they <br> conceded | Runcorn; 590 points | Gateshead Thunder; 1108 points |
| Team scoring the <br> fewest points and <br> number of points they <br> scored | Runcorn; 84 points | Gateshead Thunder; 338 points |
| Team conceding the <br> fewest points and <br> number of points they <br> conceded. | Huddersfield; 256 points | Leigh; 185 points |


| Season | Number of Teams Within Each Range of Points Scored |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} 0 \\ \text { to } \\ 99 \end{gathered}$ | $\begin{gathered} 100 \\ \text { to } \\ 199 \end{gathered}$ | $\begin{gathered} 200 \\ \text { to } \\ 299 \end{gathered}$ | $\begin{gathered} 300 \\ \text { to } \\ 399 \end{gathered}$ | $\begin{gathered} 400 \\ \text { to } \\ 499 \end{gathered}$ | $\begin{gathered} 500 \\ \text { to } \\ 599 \end{gathered}$ | $\begin{gathered} 600 \\ \text { to } \\ 699 \end{gathered}$ | $\begin{gathered} 700 \\ \text { to } \\ 799 \end{gathered}$ | $\begin{gathered} 800 \\ \text { to } \\ 899 \end{gathered}$ | $\begin{gathered} \hline 900 \\ \text { to } \\ 999 \\ \hline \end{gathered}$ | $\begin{gathered} 1000 \\ \text { to } \\ 1099 \end{gathered}$ | $\begin{gathered} 1100 \\ \text { to } \\ 1199 \end{gathered}$ |
| 1914-15 | 1 | 4 | 8 | 8 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 2001-02 | 0 | 0 | 0 | 1 | 4 | 1 | 3 | 5 | 2 | 0 | 1 | 1 |

6. a) A fan was likely to see more points in a match in 2001-02 compared to 1914-15.
7. Compared to 2001-02, there were more matches played in 1914-15 but fewer points scored. Therefore the average number of points per game was greater in 2001-02 compared to 1914-15.
8. For each of the two seasons, divide the number of points scored by the number of matches played.
9. 1914-15: points scored $\div$ number of matches $=8212 \div 402$

$$
\text { = } 20.43 \text { points per game }
$$

2001-02: points scored $\div$ number of matches $=12249 \div 243$

$$
=50.41 \text { points per game }
$$

10. c) Drawn matches are more likely when fewer points are being scored.
