**Fractions of a squad – Handout 1**

|  |  |  |
| --- | --- | --- |
| Name | Position | Home Team |
| Fikayo Tomori | Defender | AC Milan |
| Bukayo Saka | Forward | Arsenal |
| Aaron Ramsdale | Goalkeeper | Arsenal |
| Jude Bellingham | Midfielder | Borussia Dortmund |
| Nick Pope | Goalkeeper | Burnley |
| Mason Mount | Midfielder | Chelsea |
| Marc Guehi | Defender | Crystal Palace |
| Reece James | Defender | Crystal Palace |
| Conor Gallagher | Midfielder | Crystal Palace (Chelsea) |
| Jordan Pickford | Goalkeeper | Everton |
| Kalvin Phillips | Midfielder | Leeds United |
| James Justin | Defender | Leicester City |
| Trent Alexander-Arnold | Defender | Liverpool |
| John Stones | Defender | Manchester City |
| Kyle Walker | Defender | Manchester City |
| Jack Grealish | Forward | Manchester City |
| Phil Foden | Forward | Manchester City |
| Raheem Sterling | Forward | Manchester City |
| Harry Maguire | Defender | Manchester United |
| Kieran Tripper | Defender | Newcastle United |
| Tammy Abraham | Forward | Roma |
| James Ward-Prowse | Midfielder | Southampton |
| Harry Kane | Forward | Tottenham Hotspur |
| Jarrod Bowen | Forward | West Ham United |
| Declan Rice | Midfielder | West Ham United |
| Conor Coady | Defender | Wolverhampton Wanderers |

**Handout 2 – picking a team**

|  |  |  |
| --- | --- | --- |
| **Position** | **Name** | **Home Team** |
| Goalkeeper |  |  |
| Forward  |  |  |
| Forward |  |  |
| Forward |  |  |
| Midfielder |  |  |
| Midfielder |  |  |
| Midfielder |  |  |
| Defender |  |  |
| Defender |  |  |
| Defender |  |  |
| Defender |  |  |
| Substitute |  |  |

**Write statements using fractions and percentages to describe the team you have picked.**

For example:

$\frac{1}{12}$ of my team are goalkeepers

$\frac{}{}$ of my team are …

\_\_% of my team are …

What equivalent fractions could you use?

**Handout 2a – picking a team**

|  |  |  |
| --- | --- | --- |
| **Position** | **Name** | **Home Team** |
| Goalkeeper |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| Substitute |  |  |

**Write statements using fractions and percentages to describe the team you have picked.**

For example:

$\frac{1}{12}$ of my team are goalkeepers

$\frac{}{}$ of my team are …

\_\_% of my team are …

What equivalent fractions could you use?

**Handout 3a: Who is in this team?**

**Can you work out who is in this team based on the fractions and percentages?**

**Is this enough information to work out which 12 players I have picked?**

$\frac{1}{3}$ of my midfielders plays abroad

My midfielders all play from different teams

$\frac{1}{6}$ of my team play together at Arsenal

$\frac{1}{3}$ of my team are from the same club. $\frac{1}{2}$ of them play forward and $\frac{1}{2}$ in defence.

$\frac{2}{3}$ of my defenders play for the same team

25% of my team play for Crystal Palace. $\frac{2}{3}$ of them play in defence and the other $\frac{1}{3}$ is a midfielder.

100% of the forwards play for English clubs and $\frac{1}{3}$ play for Chelsea

$\frac{1}{12}$ of the team plays for Southampton but he might not get the chance to play!

$\frac{1}{3}$ of my team have no-one else from their home team.

**Handout 3b: One of the three possible solutions**

|  |  |  |
| --- | --- | --- |
| **Position** | **Name** | **Home Team** |
| Goalkeeper | Aaron Ramsdale | Arsenal |
| Forward  | Bukayo Saka | Arsenal |
| Forward | Jack Grealish | Manchester City |
| Forward | Raheem Sterling | Manchester City |
| Midfielder | Mason Mount | Chelsea |
| Midfielder | Conor Gallagher | Crystal Palace |
| Midfielder | Jude Bellingham | Borussia Dortmund |
| Defender | Reece James | Crystal Palace |
| Defender | Marc Guehi | Crystal Palace |
| Defender | John Stones | Manchester City |
| Defender | Kyle Walker | Manchester City |
| Substitute | James Ward-Prowse | Southampton |