1. 14% 2. 6% 3. 48% 4. 35% 5. 65%

6. 70% 7. 30% 8. 90% 9. 40% 10. 85%

11. 15% 12. 40% 13. 10% 14. 16% 15. 12%

16. $\frac{3}{5} = 60\%$ $\frac{4}{7} = 57\%$ $\frac{3}{5}$ is more

OR.

$\frac{3}{5} \times 7 = \frac{21}{35}$ $\frac{4}{7} \times 5 = \frac{20}{35}$

17. $\frac{23}{30} = 76.7\%$ $\frac{21}{27} = 77.8\%$ $\frac{21}{27}$ is more.

OR

$\frac{23}{30} \times 9 \quad \frac{207}{270}$ $\frac{21}{27} \times 10 = \frac{210}{270}$

18. $\frac{32}{50} = 64\%$ $\frac{13}{20} = 65\%$. $\frac{13}{20}$ is more

$\frac{32}{50} \times 2 = \frac{64}{100}$ OR $\frac{13}{20} \times 5 = \frac{65}{100}$.

19. 68% Jane

$\frac{15}{25} = 60\%$ Alice

Jane score was better than Alice by 8%.

20. $\frac{19}{25} = 76\%$ Ed English

$\frac{14}{20} = 70\%$ Ed Maths

Ed scored higher in his English test by 6%.

Predictions as Percentages

1. Oct $\frac{20}{25} = 80\%$ Mar $\frac{24}{30}$ 80%

Sarah's score has been consistent with 80%

2. A $\frac{40}{50} = 80\%$ B $\frac{35}{40} = 87.5\%$ C $\frac{23}{25} = 92\%$

Flower C is the most successful

3. A $\frac{5}{26} = 19\%$ B $\frac{7}{34} = 21\%$

Club B has a higher chance of being selected

4. A $\frac{5}{9} = 56\%$ B $\frac{7}{12} = 58\%$ C $\frac{9}{14} = 64\%$

Club C has the winning record which is highest.

5. A $\frac{42}{60} = 70\%$ B $\frac{13}{20} = 65\%$ C $\frac{15}{25} = 60\%$

Flower A is the most successful

6 A $\frac{9}{48} = 19\%$ B $\frac{7}{32} = 22\%$.

Club B has a higher chance of being selected.

7 A $\frac{8}{14} = 57\%$ B $\frac{10}{18} = 56\%$ C $\frac{11}{20} = 55\%$

Club B have the best winning record.

8. A $\frac{48}{60} = 80\%$ B $\frac{35}{45} = 78\%$ C $\frac{23}{30} = 77\%$.

Flower A was the most successful

9. A $\frac{8}{30} = 27\%$ B $\frac{10}{40} = 25\%$.

Club A has the better chance of being selected

10. A $\frac{16}{23} = 70\%$. B $\frac{17}{26} = 65\%$ C $\frac{15}{21} = 71\%$.

Club C has the best winning record.