

Movie ratios

This task is about using ratios to answer questions.



A multiplex cinema was showing several different movies.

- a) At the first movie the ratio of boys to girls was 3 : 5. There were 45 girls.
How many boys were there? _____
- b) The ratio of children to adults at the second movie was 15 : 6. There were 35 children.
How many adults were there? _____
- c) At the third movie the ratio of men to women to children was 1 : 2 : 5. There were 40 women at the movie.
- i) How many men were there? _____
- ii) How many children were there? _____
- d) At the fourth movie the ratio of men to women to children was 4 : 14 : 22. There were 33 children at the movie.
- i) How many men were there? _____
- ii) How many women were there? _____