

Lines

$\frac{3}{11}$ of the spectators at a basketball game are children. There are 800 more adults than children

(a) How many people are at the game? (Spectators)

(b) $\frac{3}{8}$ of the children are girls. How many more boys than girls are there?

Explain your answer.

Angles

Wesley started with his favorite number. Then he subtracted 7 from it. He multiplied this difference by 3 and then added 5. Finally, he divided this number by 11. His end result was 1. What was Wesley's favorite number?

Polygons

Abby, Heath, Brenda and Andy share a pizza. Abby eats $\frac{2}{8}$ of the pizza, Heath eats $\frac{1}{8}$, and Brenda eats $\frac{3}{8}$. What fraction of the pizza is left for Andy?