

The diagram illustrates the distributive property of multiplication over addition. It shows three groups of circles, each containing four circles of different colors (blue, pink, yellow, and black). The first group is followed by a plus sign and a circle divided vertically (half blue, half pink). The second group is followed by a plus sign and a circle divided vertically (half blue, half pink). The third group is followed by a plus sign and a circle divided vertically (half blue, half pink). This represents the equation: $4 \times (1/2 \text{ blue} + 1/2 \text{ pink}) = 4 \times 1/2 \text{ blue} + 4 \times 1/2 \text{ pink}$.