**Fraction equivalency: common, decimal and percentage consolidation**

1. Charlie divided 1 pizza into 5 pieces. If he ate 2 pieces, what decimal fraction of the pizza did he eat?
2. Tom and Sam shared equally one third of a chocolate bar. What fraction of the chocolate bar did each child get?
3. Harry says ½ is equivalent to 1.2. Is he correct? Explain your answer.
4. **True or False** 0.3 is bigger than ¼.Explain your reasoning.
5. Hannah says ‘If I divide 2 by 8, I get the same answer as if I divide 1 by 4’ Do you agree? Explain your answer using diagrams
6. Curtis used 1/3 of a can of paint to cover 3·5 square metres of wall. How much wall will one whole can of paint cover?
7. Pete shares 6 bananas between some friends. Each friend gets 0·75 of a banana. How many friends does he share the bananas with?
8. 



1. Shafi says “All you do when converting percentages to decimals is put ‘0.’ in front of the number e.g. 78% is 0.78.” Do you agree? Prove it!
2. Three friends were competing in a race. Billy completed half of the race. Harrison completed 50% of what Billy completed and Charlotte completed 0.25 of what Billy completed. What fraction of the race did they each complete?