

Will calculating $\frac{1}{2} + \frac{1}{3}$ solve these problems?



(1) Ari pours $\frac{1}{2}$ of a cup of sand into an empty box. Then Ari pours $\frac{1}{3}$ of a cup of sand into the box. How many cups of sand are in the box?



(2) Tom has a full glass of water. He pours $\frac{1}{2}$ cup of water from the glass into an empty bowl. Then he pours $\frac{1}{3}$ of the remaining water from the glass into the bowl. How many cups of water are in the bowl?



(3) $\frac{1}{2}$ of the boys in a class are wearing tennis shoes; $\frac{1}{3}$ of the girls in the class are wearing tennis shoes. What fraction of the class is wearing tennis shoes?



(4) $\frac{1}{2}$ of the children at Russell Elementary want to visit the zoo; $\frac{1}{3}$ of the children at Russell Elementary want to visit the Science museum. What fraction of the children at Russell Elementary want to visit the zoo or the Science Museum?