

Word problems

1. When the birthday cake was about to be served, you were told you could have 0.6, 60%, $\frac{3}{5}$, 6%. Which 3 will give you the same size portion?
2. $\frac{4}{7}$ of the birthday cake was eaten on your birthday. The next day your dad ate $\frac{1}{2}$ of what was left. You get to finish the cake, how much is left?
3. The grocery store parking lot will hold 1000 vehicles. $\frac{2}{5}$ of the parking spaces are for cars. When you went to buy groceries, there were 200 cars and some trucks in the parking lot. The parking lot was $\frac{3}{4}$ full. How many trucks were in it?
4. Justin is making snowballs to build a fort on the winter break. Justin can build 15 snowballs in an hour but 2 snowballs melt every 15 minutes. How long will it take him to build 210 snowballs?
5. The recipe for mint chocolate ice cream requires 2 $\frac{1}{4}$ cups of cream for 5 people. You need ice cream for 8 people. How much cream will you need?