

Problem 1

Three friends want to buy some marbles and then share them out equally between them.

They could buy a bag of 36 marbles, a bag of 32 marbles or a bag of 38 marbles.

What size bag should they buy so that they can share them equally?

What other numbers of marbles could be shared equally between them?

Explain your reasoning in full sentences.



Problem 2

True or false?

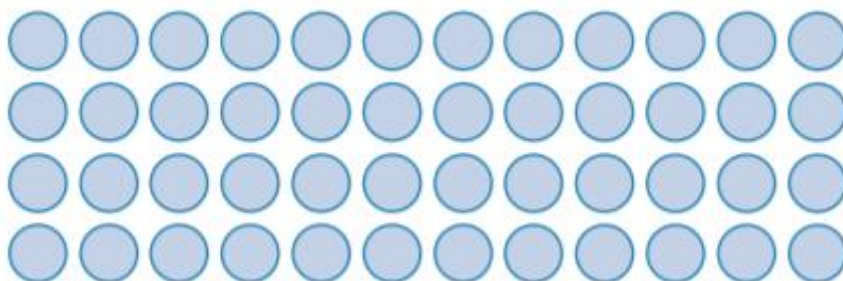
a) $20 \div 4 = 20 \div 5$

b) $12 \div 4 > 16 \div 4$

c) $50 \div 5 < 50 \div 10$

Explain your reasoning in full sentences.

Problem 3



How many different division calculations can you write using this array of 48? You could draw on it to group them in different ways.