

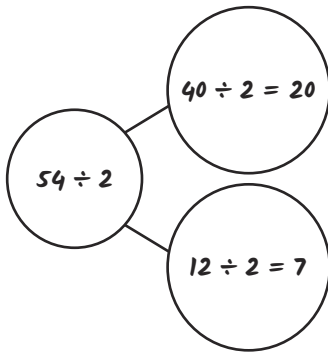


1) a) $75 \div 5 = 15$

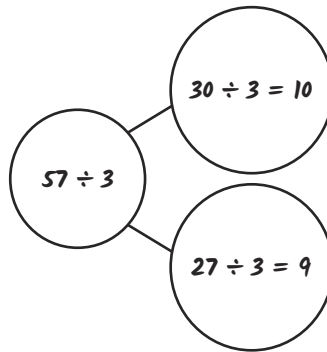
b) $56 \div 4 = 14$

$81 \div 3 = 27$

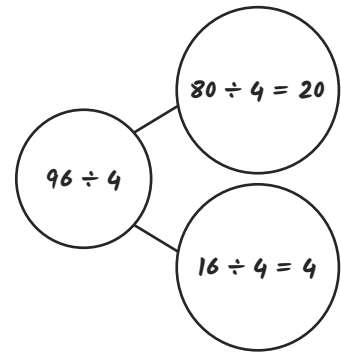
2) a) $54 \div 2 = 27$



b) $57 \div 3 = 19$



c) $96 \div 4 = 24$



1) Lee's calculation is incorrect. He has exchanged 4 tens counters for 40 ones counters, when he should only have exchanged 3 tens counters for 30 ones counters. In each group, Lee should have 1 ten counter and 7 ones counters to give an answer of 17.

2) $84 \div 4$ is the odd one out as it does not require exchanging tens to ones. (Alternative answers with correct justifications may be given, for example $56 \div 4$ is the only calculation with an even answer.)

3) Marisa is not correct as $96 \div 8 = 12$ and $48 \div 4 = 12$. The answers are the same as both the dividend and divisor are halved.



1) Marisa could have 60, 64, 68, 72, 76 or 80 samples.

2) 76 grams – 38 bags of polarite or 19 bags of borealstone.

90 grams – 45 bags of polarite, 30 bags of nebulon, 18 bags of auronon.

64 grams – 32 bags of polarite, 16 bags of borealstone or 8 bags of byrnistone.

