

{All strands are NO calculator}

1. (a) Faith and Katy share £35 in the ratio 3 : 2  
Work out how much each person gets
  
- (b) A news agent delivers magazines.  
There are two types of magazine, monthly magazines and weekly magazines.  
The ratio of the number of monthly magazines to the number of weekly magazines is 5 : 2  
The total number of magazines is 28  
Work out the number of monthly magazines.
  
2. (a) Nina and Patricia share £27 in the ratio 4 : 5  
Work out how much more money Patricia gets than Nina.
  
- (b) Nicki and Beyonce share £44 in the ratio 3 : 8  
Work out how much less money Nicki gets than Beyonce.
  
3. (a) A chocolate easter egg weighs 700 g.  
A teacher divides it into three pieces in the ratio 8 : 5 : 7  
Work out the weight of the largest piece.
  
- (b) Kat shares £480 between Mahsood, Shabnam and Tamwar in the ratio 2 : 3 : 7  
Work out how much each person gets.
  
- (c) A ribbon is 360 cm long.  
Louis cuts it into three pieces in the ratio 5 : 6 : 7  
Work out the length of the longest piece.
  
4. {Questions set to mislead as  $800 \div 8$  is wrong but encouraged by numbers}  
Emelie and Fern share some money in the ratio 3 : 5  
Fern gets £800  
Work out how much Emelie should have.