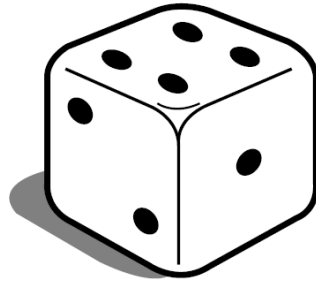


## Roly Poly

1

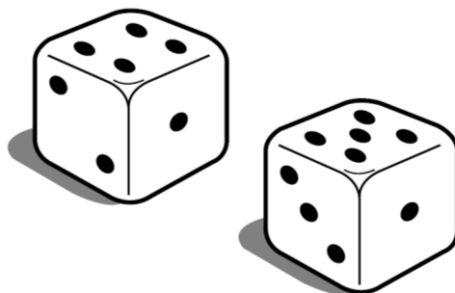


The dots on opposite faces of a dice add up to 7.  
Imagine rolling one dice.  
The score is the total number of dots you can see.  
You score 17.  
Which number is face down?  
How did you work out your answer?

*From Mathematical challenges for more able pupils (2000)*

## Roly Poly

2



The dots on opposite faces of a dice add up to 7.  
Imagine rolling two dice.  
The dice do not touch each other.  
The score is the total number of dots you can see.  
Which numbers are face down to score 30?

*From Mathematical challenges for more able pupils (2000)*