

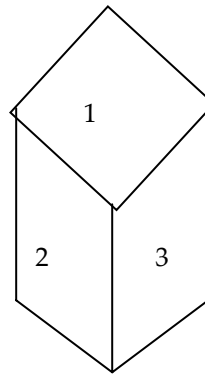
Practice Questions Special Tertiary Admissions Test (STAT)

The following questions are sample questions from the Westpac Australian Mathematics Competition, and should prove helpful in your preparation for the STAT. Good luck.

1. Cody and Chris share 17 lollies between them, so that Cody has one more lolly than Chris. How many lollies does Chris get?

- (A) 6 (B) 7 (C) 8 (D) 9 (E) 10

2. The cube shown has the numbers 1 to 6 written on its faces in such a way that the numbers on opposite faces Always add up to 7. What is the Sum of the numbers on the four faces that join the face with 3 on it?



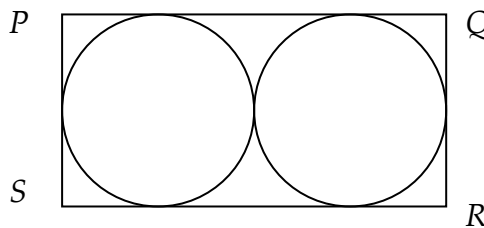
- (A) 7 (B) 10 (C) 11
(D) 14 (E) 15

3. How many whole numbers can replace the square to give a result between 4 and 16?

$$2+(3\times\square)$$

- (A) 2 (B) 3 (C) 4 (D) 5 (E) 6

5. PQRS is a rectangle enclosing 2 circles each of radius 2cm, as shown. The area of rectangle PQRS, in square centimetres, is



- (A) 8 (B) 32 (C) 16 (D) 12 (E) 24

6. Susan thinks of a number, doubles it and then adds 5. This gives her a total of 23. What was her original number?

- (A) 9 (B) 10 (C) 11 (D) 12 (E) 13