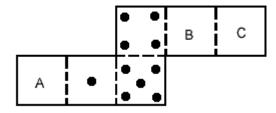
## **Numeric Entry Test 7**

- **1.** In a test a student got a mark of 49. His report card showed that he had scored 70 per cent. What was the maximum mark on the test?
- 2. What is the largest odd number that is a factor of 860 ?
- **3.** A school charity sale raised \$4800. One quarter of this was taken to cover expenses. Three quarters of the remainder was given to Charity A and the remainder to Charity B. How much did B receive? (Ignore the dollar sign when entering your answer).
- **4.** A drycleaner charges \$2 for up to 3 pounds in weight of clothes, and 30 cents per pound or part thereof up to a maximum weight of 10 pounds per load. What is the cost in dollars of cleaning six and a half pounds of clothes?
- **5.** If x > 0, and  $x^2 6x 7 = 0$ , what is the value of x?
- **6.** The diameter of circle A is one quarter the diameter of circle B. The area of circle B is how many times greater than the area of circle A?
- **7.** Three apples and five oranges cost 85cents, and five apples and three oranges cost 83 cents. How much will it cost to buy one apple and one orange?
- **8.** A bag contains 2 red, 5 blue and 8 white beads. If one bead is drawn from the bag what is the probablity that it is red or white?



- **9.** The shape above is to be cut out and folded along the dotted lines to form a cubic die. Dots are to be added to faces A, B and C so that the numbers of dots on opposite faces add up to 7. How many dots should appear on face A?
- 10. The median of a set of 10 consecutive integers is 3.5. What is the greatest of these 10 integers?

## **Answer Key**

- 1. 70
- 2. 215
- 3. 900
- 4. 3.20
- 5. 7
- 6. 16

- 7. 21
- 8. 2/3
- 9. 2
- 10. 8