Yr 6 Trial Test Class Maths Worksheet #15
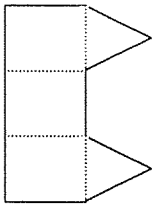
1. A white line is be painted in the middle of the road connecting two towns P, Q distance 600 kilometres apart. If 1.5 litres of paint are used for each 100 metres of road, how much paint is needed to complete the job?
    a. 90000 litres   b. 9000 litres   c. 900 litres   d. 90 litres

2. Which shape below could be cut out and folded along the broken lines to form a triangular prism?

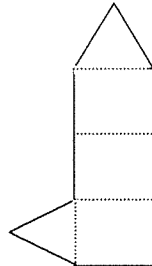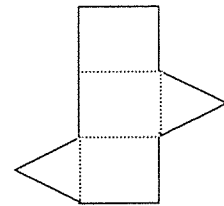   a.   b.   c.   d.

3. Mrs. White has 3 children whose average age is 12 years, and her neighbour Mrs. Green has 2 children whose average age is 7 years. The average age of the 5 children is…
    a. 9 years   b. 9.5 years   c. 10 years   d. 10.5 years
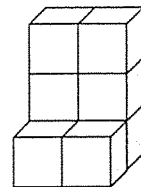
• Question 4~5. The solid shown is made up of cubes of side 1 cm.

4. The surface area of the solid is…
    a. 14cm²   b. 18 cm²   c. 22 cm²   d. 28 cm²

5. How many 1cm cubes would need to be added to the solid to from a cube of side 3cm?
    a. 1   b. 8   c. 19   d. 27

6. A soup recipe requires 2 cups of water. What is the best estimate of the amount of water required?
    a. 100mL   b. 300mL   c. 500mL   d. 1L

7. Luis is in Grade 6. A good estimate of the length of his pace, during normal walking is…
    a. 25cm   b. 50cm   c. 90cm   d. 1m 20cm

8. As a fraction, 0.05 is…
    a. $\dfrac{1}{2}$ b. $\dfrac{1}{20}$ c. $\dfrac{1}{50}$ d. $\dfrac{1}{200}$

9. Grigor wants to hire a car for two days. He sees these two advertisements.

A1 CAR HIRE: $80 per day plus 35c per kilometre	TOP CAR HIRE: $105 per day with unlimited free kilometres

    If he drives to see his mother 200 km away, determine which is the better deal for Grigor and by how much.
    a. Top Car Hire by $20   b. A1 Car Hire by $60
    c. A1 Car Hire by $20   d. Top Car Hire by $45

10. If 16 pens cost $4.48, how much should 7 of these pens cost?
    a. 28c   b. 48c   c. $1.89   d. $1.96