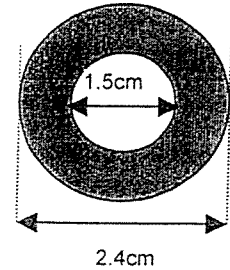


# Yr 6 Trial Test Class Maths Worksheet #17

1. The sketch shows the end of a tube; the wall of the tube is shaded.  
(The diagram is not drawn to scale.) How thick is the wall of the tube?
- a. 0.45cm                      b. 0.9cm  
c. 1.95cm                      d. 3.9cm



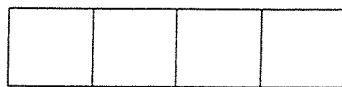
2. Fred receives a basic pay \$200 per week, plus 20% of the amount of his sales in his uncle's men's wear shop. Last week he sold \$1700 worth of clothes. His pay for that week was...
- a. \$234                      b. \$340                      c. \$370                      d. \$540

3. Young's Rule to calculate the dose of medicine for a child is as follows

$$\text{Child dose} = \frac{\text{Age of child in years} \times \text{adult dose}}{\text{Age of child in years} + 12}$$

For certain medicine, the adult dose is 180mg. The dose for an 8 years old child using Young's Rule is...

- a. 15mg                      b. 64mg                      c. 72mg                      d. 90mg
4. The sketch shows a rectangle and a semi-circle.  
What is the length of RS?
- a. 4cm                      b. 8cm  
c. 11.5cm                      d. 12.5cm
5. At the start of the month Beth's bank balance was \$560. Her total deposits during the month were \$900, and total withdrawals \$1000. What was her balance at the end of the month?
- a. \$560                      b. \$1460                      c. \$2460                      d. \$460
6. A car travelled 60 km in 3 hours. What was its average speed?
- a. 20 km/h                      b. 30 km/h                      c. 60 km/h                      d. 180 km/h
7. Which is the greater volume?
- a. 250 cm<sup>3</sup>                      b. 270 ml  
c. a quarter of a kilogram of water                      d. 265 cm<sup>3</sup>
8. Four of square tables are pushed together to form one long table.



The perimeter of the new table is 20m. What is the total perimeter of the four small tables?

a. 8 m                      b. 20 m                      c. 26 m                      d. 32 m

9.  $9 \square 6 \div 7 = 129 \text{ r } 3$                       What is the missing digit?
- a. 0                      b. 1                      c. 3                      d. 5
10. On the planet Phiver they only use the numbers 1,2,3,4,10,11,12,13,14, ...  
What number would come after 44?
- a. 45                      b. 50                      c. 100                      d. 101