

Measurement Worksheet  
P6 Mathematics SA2 2015

P6 Math SA2 papers of NPS, RGPS

For each question, four options are given. One of them is the correct answer.  
Make your choice (1,2,3 or 4).

1. Express 4.032 litres in millilitres.

- (1) 0.4032 ml
- (2) 40.32 ml
- (3) 403.2 ml
- (4) 4032 ml

( )

2. The length of a rectangle is three times as long as its breadth.  
Find the perimeter of the rectangle given that the length is 6 cm long

- (1) 12 cm
- (2) 16 cm
- (3) 24 cm
- (4) 48 cm

( )

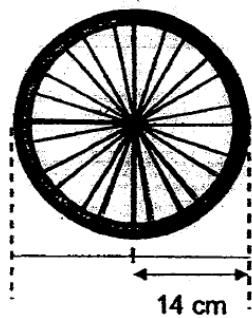
3. An examination lasted for 105 minutes. If the examination ended at 11 a.m. , what time did it start?

- (1) 9.15 a.m.
- (2) 9.55 a.m.
- (3) 12.05 p.m.
- (4) 12.45 p.m.

( )

4. The radius of a wheel is 14 cm.

What is the distance that it will cover if it makes 10 turns? (Take  $\pi$  as  $\frac{22}{7}$ )



- (1) 440 cm
- (2) 880 cm
- (3) 2464 cm
- (4) 6160 cm

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5. The pie chart below shows how Mary spent her money on Sunday. She spent \$225 more on clothes than on food. How much did she spend on shoes?

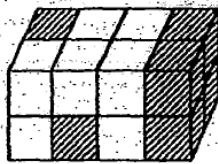


- (1) \$ 125  
 (2) \$ 300  
 (3) \$ 375  
 (4) \$ 500
- (      )

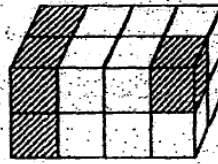
6. 3 similar shirts cost \$206.70. What is the cost of 1 such shirt?

- (1) \$70.00  
 (2) \$68.90  
 (3) \$66.90  
 (4) \$60.90
- (      )

7. The diagrams below show the front view and the back view of a cuboid. The cuboid is made up of a total of 16 white and shaded 1-cm cubes. What is the total volume of the shaded cubes?



Front View

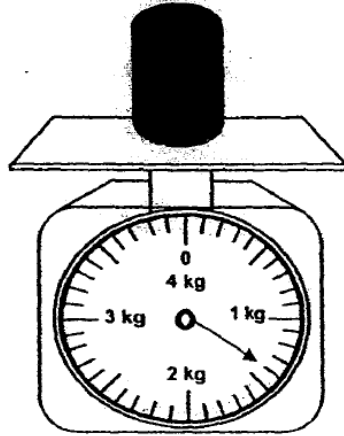


Back View

- (1)  $6 \text{ cm}^3$   
 (2)  $10 \text{ cm}^3$   
 (3)  $11 \text{ cm}^3$   
 (4)  $16 \text{ cm}^3$
- (      )

Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

8. The picture below shows the mass of a cylinder. What is the mass of the cylinder in kilograms and grams?



Ans: \_\_\_\_\_ kg \_\_\_\_\_ g

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9. The length of a cube is 9 cm. What is the volume of the cube?

Ans: \_\_\_\_\_ cm<sup>3</sup>

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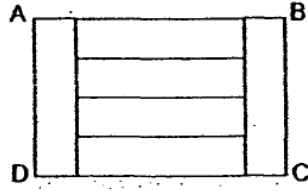
10. Jacqueline is buying 6 tickets for the magic show. How much does she need to pay?

**MAGIC SHOW**  
Tickets at \$20 each  
\$3 discount for every 4 tickets bought

Ans: \$ \_\_\_\_\_

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11. Rectangle ABCD is divided into 6 identical small rectangles as shown below. Given that the perimeter of rectangle ABCD is 80 cm, find the area of one small rectangle.



Ans: \_\_\_\_\_ p.m.

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12. A plane took 4 h 30 min to fly from Singapore to Shanghai. It left Singapore at 7.55 a.m.. At what time did the plane arrive at Shanghai?

Ans: \_\_\_\_\_ °

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13. What is 3005 g in kg?

Ans: \_\_\_\_\_

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14. Adam took 20 min to complete 8-km race. Find his average running speed in m/min.

Ans: \_\_\_\_\_ m/min

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15. The length of a rectangle is 6 times its breadth. Given that the area of the rectangle is  $2400 \text{ cm}^2$ , find its breadth.

Ans: \_\_\_\_\_ cm

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Answer Key

Verified by [www.sgtestpaper.com](http://www.sgtestpaper.com)

Subject: Primary 6 Maths – Measurement

Paper: SA2 2015

Q1	Q2	Q3	Q4	Q5	Q6	Q7
4	2	1	2	1	2	1

8. 1 kg 400g
9.  $729 \text{ cm}^3$
10. \$117  $\rightarrow$  4 tickets  $\rightarrow (20 \times 4) - 3 = 77$ , 6 tickets  $\rightarrow 77+20+20=117$
11.  $64 \text{ cm}^2 \rightarrow 80 \div (6+4+6+4) = 4$ , 4u  $\rightarrow 4 \times 4 = 16$ , area  $\rightarrow 16 \times 4 = 64$
12. 12.25 p.m.
13. 3.005 kg
14. 400 m/min  $\rightarrow 8 \text{ km} = 8000 \text{ m}$ ,  $8000 \div 20 = 400 \text{ m / min}$
15. 20 cm  $\rightarrow 2400 \rightarrow 120 \times 20$

References:

(Q1,2,3,4,5,8,9,10,11)=RGPS(Q4,5,9,10,12,19,20,26,27)

(Q6,7,12,13,14,15)=NPS(Q5,12,20,21,25,27)