ชื่อ:.....

ชั้น: ม./..... เลขที่.....

2. 1. At 9 p.m. the temperature in Kurt's garden was −2C. During the night the temperature went down 5 degrees and then it went up 10 degrees by midday the next day. What was the temperature at midday in Kurt's garden?

_____

3. Work these out. (6 – 11) + (−5 – 4) - (−8 + 6) - (−3 + 18)

_____

4. There is just one prime number between 110 and 120. What is it?

_____

5. Work these out. (8 + 9.76 + 23.45) + (45.95 – 23.7)

_____

6. Shona goes for a run four times a week. During one week she runs 3.6 km, 4.85 km, 10.5 km and 7.45 km. How far did Shona run in this week?

_____

7. Work these out.

(6 × 4.17) ÷ 0.01.

_____

8. Round 76.189 to the nearest whole number.

_____

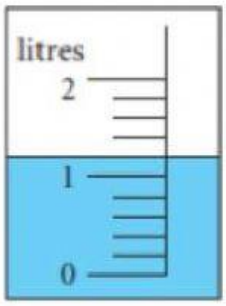
9. Which metric units would you use to measure of the length of a classroom?

_____

10. Which metric units would you use to measure of the capacity of a breakfast cereal bowl?

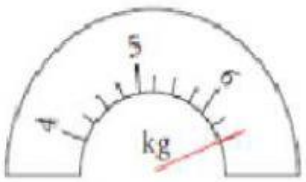
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11. 

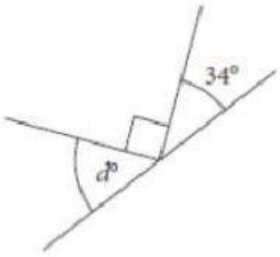
Write down the value shown on each of these scales.

_____

12. 

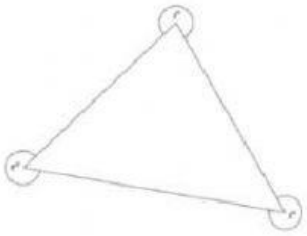
Write down the value shown on each of these scales.

_____

13. 

Calculate the value of *d*.

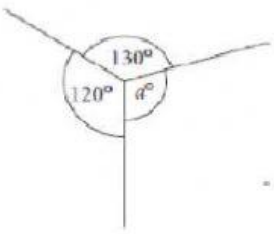
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14. 

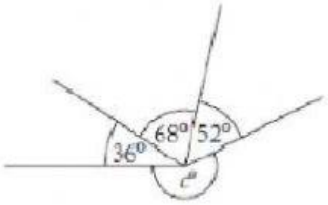
Measure the reflex angles labelled *r*, *s* and *t*. When it is an equilateral triangle.

_____

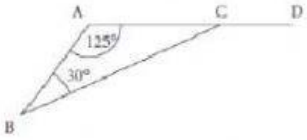
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15. 

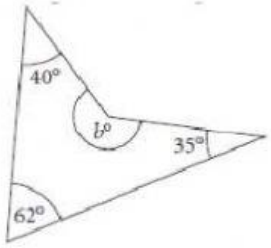
Calculate the value of a.

16. 

Calculate the value of c.

17. 

Calculate the value of angle BCD.

18. 

Calculate the value of angle b.

19. Three angles of a quadrilateral are 60, 80 and 110. How big is the fourth angle?

20. 'I am a quadrilateral with one line of symmetry and rotational symmetry of order 1. I have two pairs of sides of equal length, no parallel sides and one pair of equal angles. What shape am I?'

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21. I have three sides. Two of my angles are the same size and two of my sides are the same length. What shape am I?'

_____

22. 30% of the mass of an object is 24 kilograms. Use this fact to find 60% of the mass.

_____

23. There were 300 people at a football match and 35% were adults. The rest were children. How many children were present?

_____

24. A student had $40 but spent $32. What percentage of his money has he spent?

_____

25. A tin of biscuits contains shortbread and choc-chip biscuits in the ratio 2 : 3. The tin contains 40 biscuits. How many shortbread biscuits are there in the tin?

_____

26. A sheet of A5 paper is 210 mm long and 148 mm wide. What is the area of a sheet of A5 paper?

_____

27. A rectangular room has an area of 12 .The length of the room is 4 m. Find the perimeter of the room.

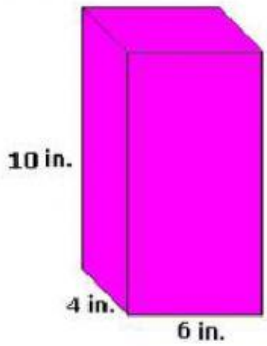
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28. Keira wants new carpet in her hall. The hall is a rectangle that measures 4 m long by 90 cm wide. Work out the area of carpet that she needs.

_____

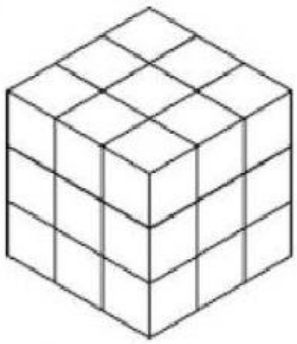
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Volume and Surface Area

1. 

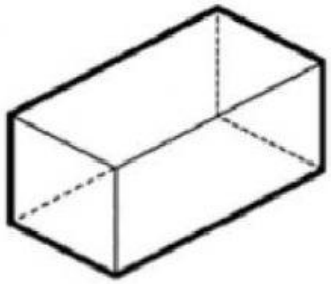
Bob has a rectangular prism gift box, what is the volume of Bob's gift box?

_____

2. 

what is the volume?

_____

3. 

What is the volume?length=2 unitswidth=2 unitsheight=3 units

_____

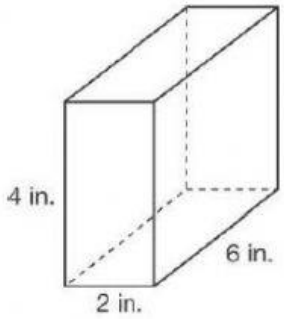
4. How many faces are on a cube?

_____

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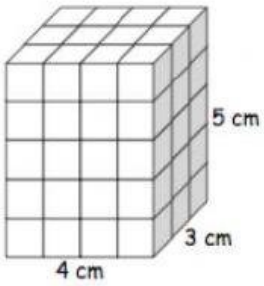
5. **Find the volume.**



6. 

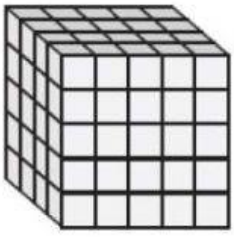
Find the total surface area of the prism.

7. What is surface area?

8. 

Find the surface area of the rectangular prism.

9. A cube is measured at 4 cm in length, what is the surface area?

10. 

Find the surface area.

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