MCS
Meaning - Concepts - Skills

โครงการเรียนเสริมเสาร์สร้างเสริม
ภาคเรียนที่ 1/ 2564 โรงเรียนมงฟอร์ตวิทยาลัย

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?
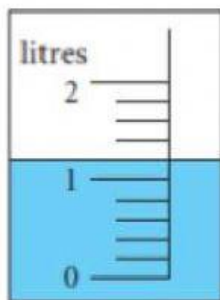
   _____

7. Work these out.

   $(6 \times 4.17) \div 0.01.$

   _____

8. Round 76.189 to the nearest whole number.

   _____

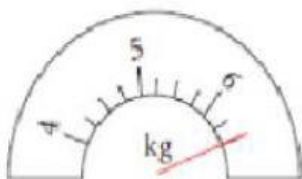9. Which metric units would you use to measure of the length of a classroom?

   _____

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

    _____

11.

litres

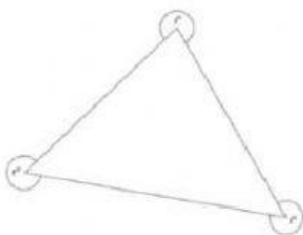Write down the value shown on each of these scales.

_____

12.
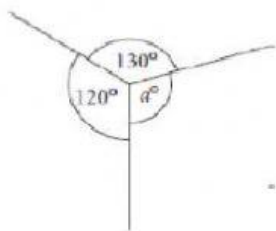
Write down the value shown on each of these scales.

_____
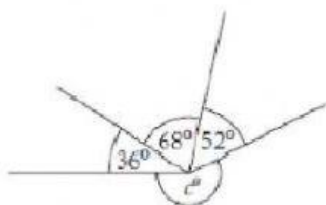
13.

Calculate the value of d.

34°

$d°$

_____

14.

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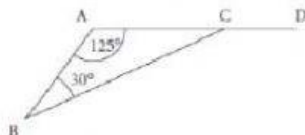
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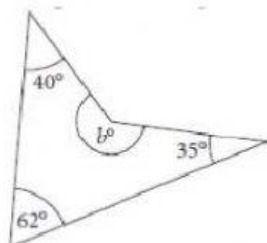
LIVEWORKSHEETS

15.

Calculate the value of a.

16.

Calculate the value of c.

17.

Calculate the value of angle BCD.

18.
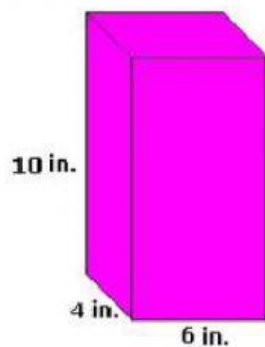
Calculate the value of angle b.

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?'

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.

_____

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.
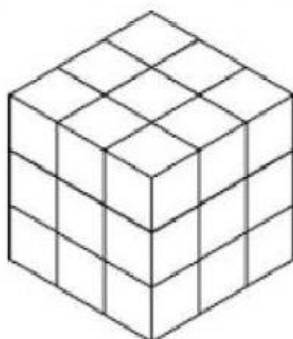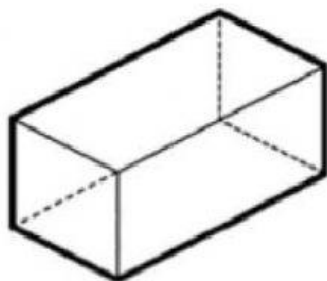
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Volume and Surface Area

1.

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

10 in.
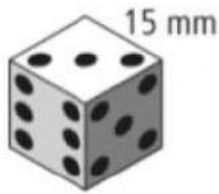
4 in.

6 in.

2.

what is the volume?

3.

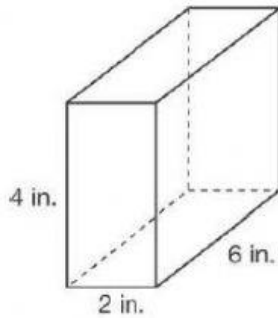What is the volume?length=2 unitswidth=2 unitsheight=3 units
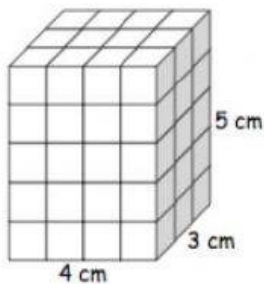
4. How many faces are on a cube?

5. **Find the volume.**

15 mm

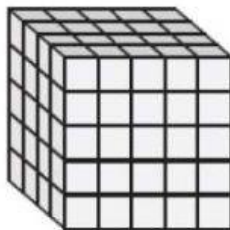_____

6. Find the total surface area of the prism.

4 in.

6 in.

2 in.

_____

7. What is surface area?

_____

8. Find the surface area of the rectangular prism.

5 cm

3 cm

4 cm

_____

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

_____

10. Find the surface area.