

VAUXHALL HIGH

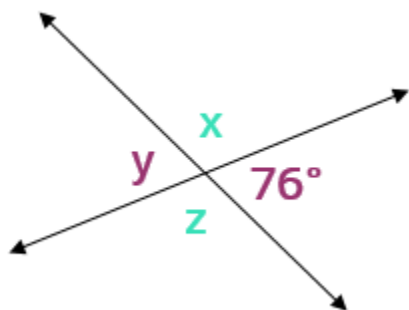
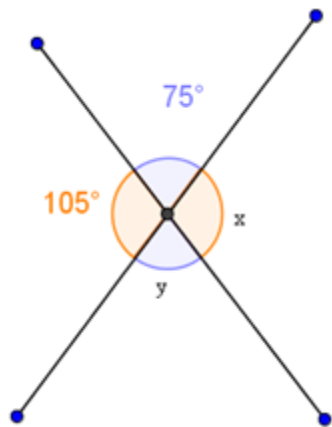
MATHEMATICS

GRADE 7

WORKSHEET March 30 – April

Answer ALL questions, showing working.

- 1) Triangle ABC has angle ABC 90° and angle ACB 45° . Draw triangle ABC, and find angle BAC.
- 2) Draw an equilateral triangle PQR with the correct angles.
- 3) Triangle LMN has angles L, M, N. Angle LMN is 45° , angle LNM is 65° . Find angle MLN and draw a sketch of the triangle.
- 4) Calculate the size of the missing angle stating the reason for your answer.



$$5) \frac{1}{2} \times \frac{3}{4}$$

$$6) 1 \frac{2}{4} \div \frac{3}{4}$$

$$7) \left(\frac{17}{34} - \frac{12}{17} \right) \times \frac{3}{2}$$

$$8) 17.24^2 + 23$$

$$9) 3.234 \times 3.4$$

$$10) 17.5 \div 2.5$$

$$11) 125.65 \div 3.5$$

12) A square has a width of 10m.

a. Calculate the perimeter

b. Calculate the area.

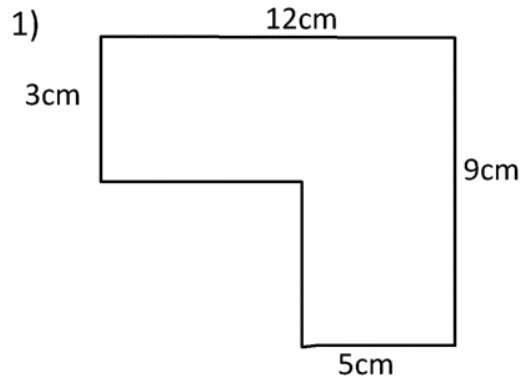
13) A Right angle triangle has a height of 12cm and a width of 7cm. Calculate the area of the triangle.

14) $33.333 + 333.33 + 33$

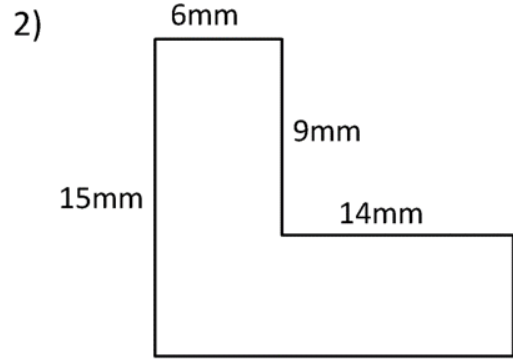
15) $17.456 + 6.345 + 12$

16) $222 + 22.22 + 222.22$

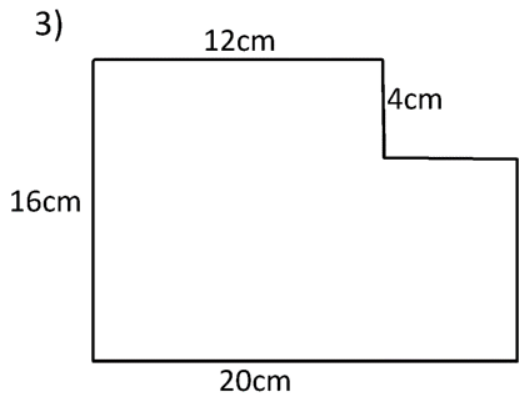
17) Find the area and perimeter of the following shapes.



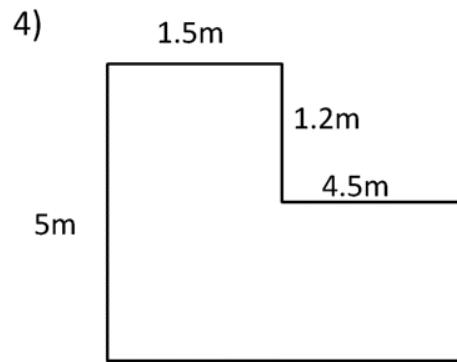
Perimeter = _____ cm



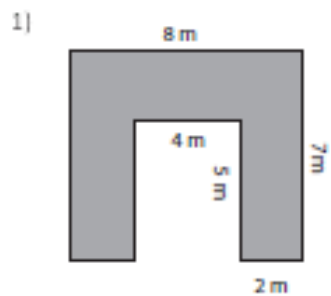
Perimeter = _____ mm



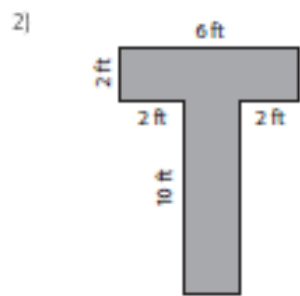
Perimeter = _____ cm



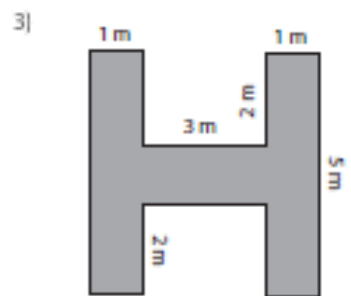
Perimeter = _____ m



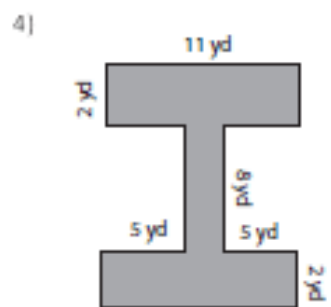
Area: _____
 Perimeter: _____



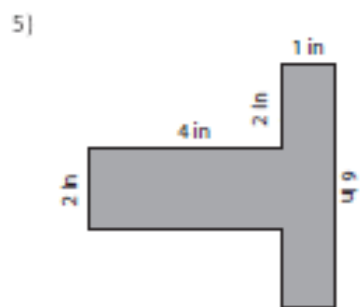
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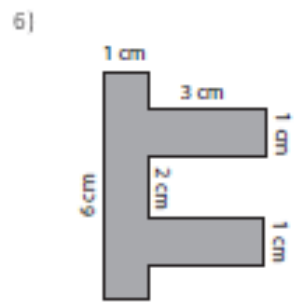
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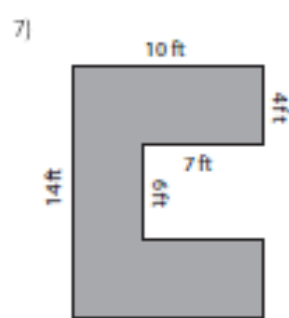
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 Perimeter: _____



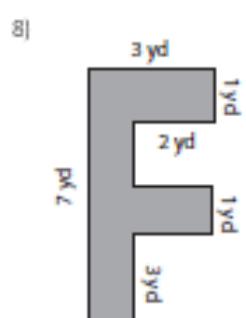
Area: _____
 Perimeter: _____



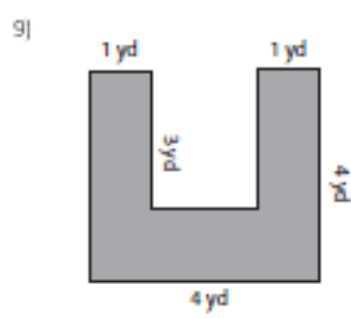
Area: _____
 Perimeter: _____



Area: _____
 Perimeter: _____



Area: _____
 Perimeter: _____



Area: _____
 Perimeter: _____

18) $(22 \div 10) \times 12 + 10.5$

19) $(12.3 \times 3.4) + 12.456 - 14.564$

20) $\frac{2}{4} \times 12$

21) $\frac{14}{28} \div 1 \frac{2}{14}$