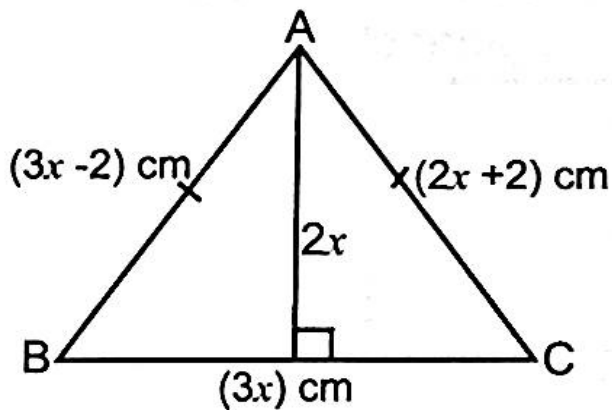


ACTIVITY FOR SATURDAY 11TH/APRIL/2020

10. The figure ABC below is an isosceles triangle.
Use it to answer the questions that follow.

[2003 No. 32]

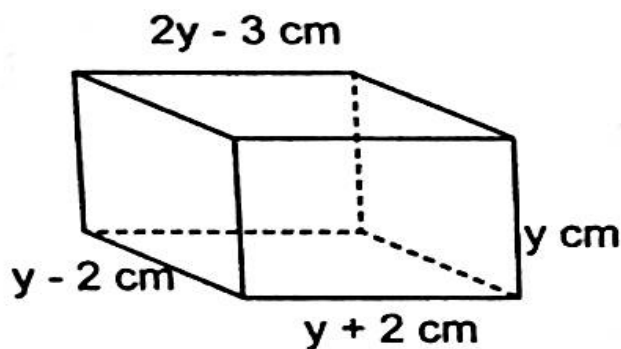


- a) Find the value of x .
- b) Find the area of triangle ABC.

11. The figure below is a cuboid . Study and use it to answer the questions that follow.

[2013 No. 31]

- (a) Find the value of y .



- (b) Find the volume of the cuboid.

Simplify: $3m - (2 + m)$.

Simplify: $m + 2m + 3m$.

Simplify: $6x - 5m + 3m - 4x$

Simplify: $(3x + 5) - (x + 1)$.

Work out: $t^6 \div t^2$

Simplify: $(8m + 9) - (3m + 4)$.

Simplify: $6a - 2a$.

Simplify: (a) $n^2 \times n$.

$$\frac{\text{(b) } m^6 \times m^3}{\text{(c) } \frac{a^2 \times a^5}{a^3}}$$

Simplify: $5k - 2(3 - k)$

Simplify: $18x - 5(3x + 7)$

If $p = r$, $r = -4$ and $q = 3$, work out: $\frac{pq}{r}$.

If $a = 55$ and $b = 45$, find the value of $(a + b)(a - b)$.

Given that $a = 1$, and $b = 3$, find the value of $3a - 3b$.
[2001 No.17]

Given that $a = 2$, $b = 4$ and $c = -3$, work out:
 $b(a + c)$.
[2002 No. 17]

Abdu is x years old. He is 5 years younger than Madina. How old is Madina?

Annet is 20 years younger than Peter. In 15 years, Peter will be twice as old as Annet. How old is Annet now?
[2001 No.36]