3. Dora has forgotten that to find the area of a triangle, you have to multiply by the height, not the length of the side.

She should have done: $7 \times 4 = 28$.

$28 \div 2 = 14$.

So the area of the triangle is $14\,cm^2$.

7. First find out the area of the square.

$10 \times 10 = 100\,cm^2$.

Next work out the area of the triangle.

$10 \times 10 = 100$. $100 \div 2 = 50$ so $50\,cm^2$.

Finally do the area of the square subtract the area of the triangle:

$100 - 50 = 50$ so area of shaded shape is $50\,cm^2$.

8. a) $8 \times x = 8x$. $8x \div 2 = 4x$. $12 \div 4 = 3$.

b) $y \times 1 = y$ $y \div 2 = \frac{1}{2}$ of y. $y = 24$.