



1) The parallelogram has an area of 84cm^2 so it could have the following dimensions:

base = b and height = h

$b = 3\text{cm}$ and $h = 28\text{cm}$

$b = 4\text{cm}$ and $h = 21\text{cm}$

$b = 6\text{cm}$ and $h = 14\text{cm}$

$b = 7\text{cm}$ and $h = 12\text{cm}$

a) Each tile has an area of 240cm^2 .

$$4800 \div 240 = 20$$

DIY Dan needs 20 tiles for this wall.

b) $\pounds 175 \div \pounds 3.50 = 50$

Dan used 50 more tiles to decorate the rest of his bathroom.