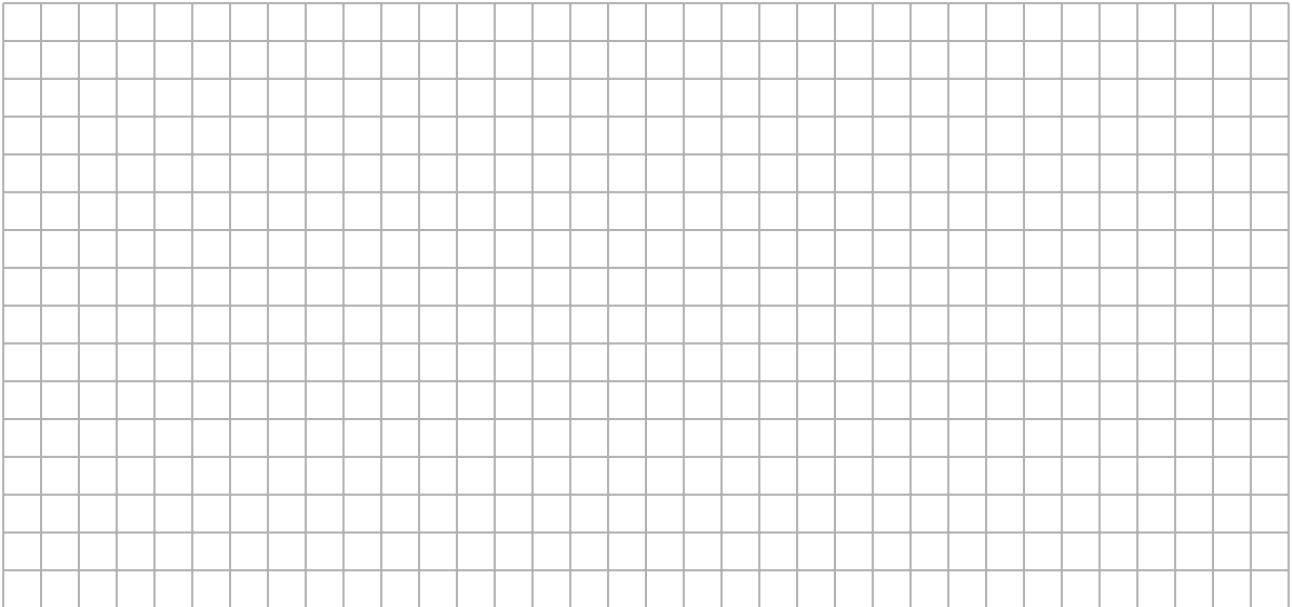




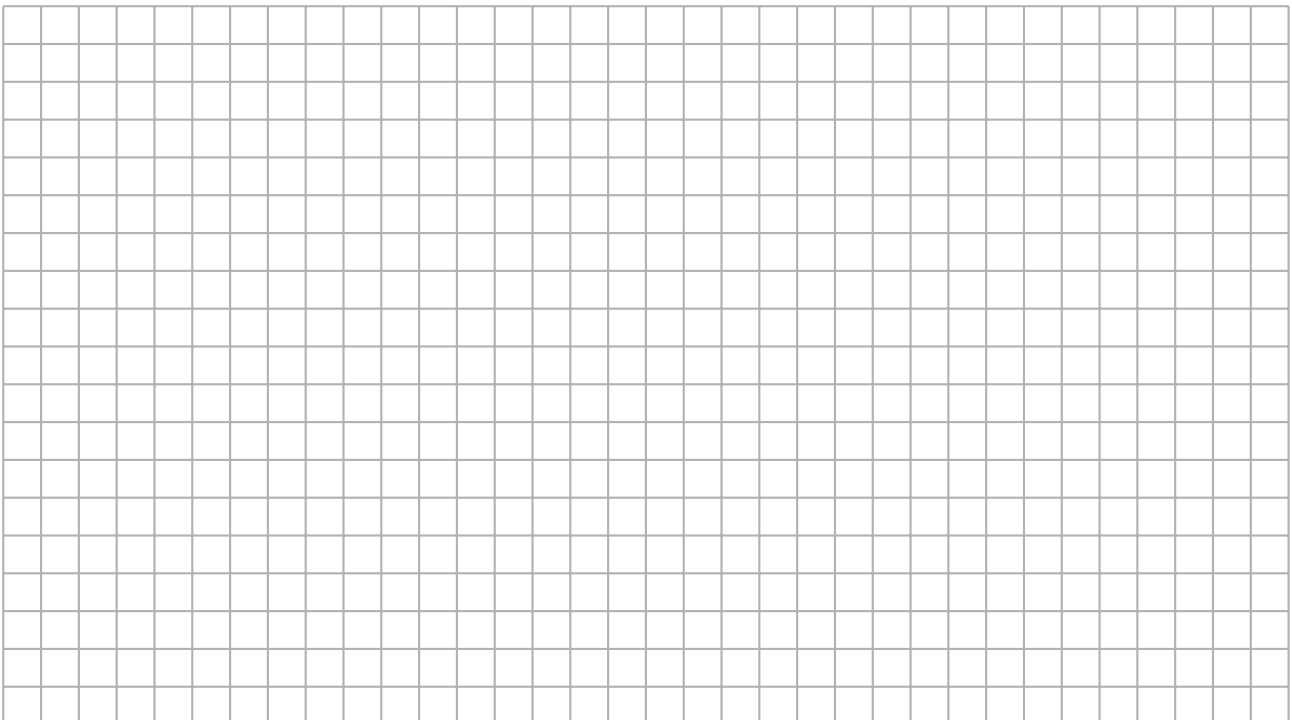
**4 (3) Pebbles**

Daria and Nela collected some pebbles on the beach. If Daria gave Nela 6 pebbles, then each girl would have the same number of pebbles. However, if Nela gave Daria 8 pebbles, then Daria would have twice as many pebbles as Nela. How many pebbles did have each of the girls?

**5 (3) Sides of rectangles**

Calculate the length of:

- a side of the square with area  $81 \text{ m}^2$ .
- a side of the rectangle with area  $45 \text{ m}^2$ , and with the second side of length 9 m.
- a side of the square with perimeter equal to 20 m.
- a side of the rectangle with perimeter equal to 40 m, and with the second side of length 5 m.



**6 (3) Cycling speed**

Max went by bike from the starting line and rode at the average speed 3 m/s. Ann started from the same line 7 s after Max and she finished the race 14 s before Max. Both, Ann and Max, travelled the same distance. What was the Ann's average speed if the total time of her ride was equal to 21 s?

