

Task A

There are squares and left over.

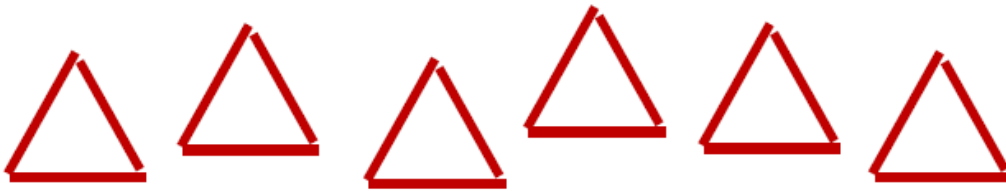


Rearrange the same number of matchsticks.

There are triangles and left over.

There are _____ and left over.

There are triangles and left over.



Rearrange the same number of matchsticks.

There are squares and left over.

There are _____ and left over.

Task B

- (a) **23** matchsticks make ____ **triangles** with ____ matchsticks left over.
- (b) **23** matchsticks make ____ **squares** with ____ matchsticks left over.
- (c) **21** matchsticks make **3** _____ with **3** matchsticks left over.
- (d) _____ matchsticks make ____ **pentagons** with **3** matchsticks left over.

Task C

- (a) **23** matchsticks make ____ **hexagons** with ____ matchsticks left over.
- (b) _____ matchsticks make **7 squares** with ____ matchsticks left over.
- (c) **24** matchsticks make **4** _____ with ____ matchsticks left over.

Find all the possible answers for question (c)

Answers

Task A: 4 triangles and 2 left over. 2 pentagons and 4 left over.
4 squares and 2 left over. 3 hexagons and 0 left over.

Task B: (a) 7 triangles, 2 left over (b) 5 squares, 3 left over.
(c) 3 hexagons (d) Example: 33 sticks make 6 pentagons, 3 left over.

Task C: (a) 3 hexagons, 5 left over

(b) Example: 29 sticks make 7 squares, 1 left over.

(c) 4 pentagons with 4 left over or 4 hexagons with 0 left over.