Superhero Area Adventures: Saving the City One Square Unit at a Time

Math   Grade 3   Superheroes Theme

Help your favorite superheroes solve their area problems by calculating the space they need to save the city!

NAME _____

DATE _____

SCORE _____ / 8

1

Spider-Man is building a new web-catching net to protect Times Square. The net needs to cover a rectangular area that is 6 meters long and 4 meters wide. What is the total area of the net Spider-Man must create?

2

Wonder Woman is designing a square training arena on her island where she practices her combat skills. Each side of the square is 5 meters long. What is the area of her training arena?

3

Batman needs to cover the floor of the Batcave with special non-slip tiles. The Batcave floor is rectangular and measures 8 meters by 3 meters. How many square meters of tiles does Batman need?

4

Superman is creating a giant 'S' symbol on top of the Daily Planet building. The rectangular symbol is 9 meters long and 2 meters tall. What is the area of Superman's famous symbol?

5

Black Widow is designing a square rooftop garden on top of S.H.I.E.L.D. headquarters where she grows herbs for healing potions. The garden has sides that are 7 meters each. What is the total area of her secret garden?

6

The Incredible Hulk is smashing out a rectangular trench around his secret laboratory to keep villains away. The trench is 10 meters long and 2 meters wide. What is the area of the protective trench?

7

Captain America is painting a rectangular shield-shaped mural on the side of an Avengers Tower. The mural is 6 meters wide and 8 meters tall. What is the area of the mural Captain America is painting?

8

Iron Man is designing a square landing pad for his Iron Man suit on top of his mansion. Each side of the landing pad measures 4 meters. What is the total area where Iron Man can land his suit?

Answer Key

Math · Grade 3 · For Parents and Teachers

1

Spider-Man is building a new web-catching net to protect Times Square. The net needs to cover a rectangular area that is 6 meters long and 4 meters wide. What is the total area of the net Spider-Man must create?

ANSWER

24 square meters

2

Wonder Woman is designing a square training arena on her island where she practices her combat skills. Each side of the square is 5 meters long. What is the area of her training arena?

ANSWER

25 square meters

3

Batman needs to cover the floor of the Batcave with special non-slip tiles. The Batcave floor is rectangular and measures 8 meters by 3 meters. How many square meters of tiles does Batman need?

ANSWER

24 square meters

4

Superman is creating a giant 'S' symbol on top of the Daily Planet building. The rectangular symbol is 9 meters long and 2 meters tall. What is the area of Superman's famous symbol?

ANSWER

18 square meters

5

Black Widow is designing a square rooftop garden on top of S.H.I.E.L.D. headquarters where she grows herbs for healing potions. The garden has sides that are 7 meters each. What is the total area of her secret garden?

ANSWER

49 square meters

6

The Incredible Hulk is smashing out a rectangular trench around his secret laboratory to keep villains away. The trench is 10 meters long and 2 meters wide. What is the area of the protective trench?

ANSWER

20 square meters

7

Captain America is painting a rectangular shield-shaped mural on the side of an Avengers Tower. The mural is 6 meters wide and 8 meters tall. What is the area of the mural Captain America is painting?

ANSWER

48 square meters

8

Iron Man is designing a square landing pad for his Iron Man suit on top of his mansion. Each side of the landing pad measures 4 meters. What is the total area where Iron Man can land his suit?

ANSWER

16 square meters