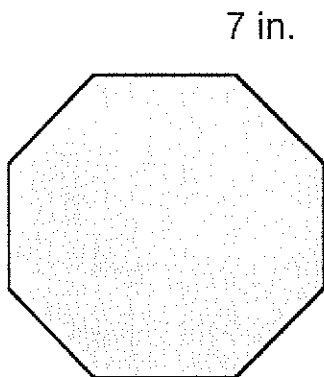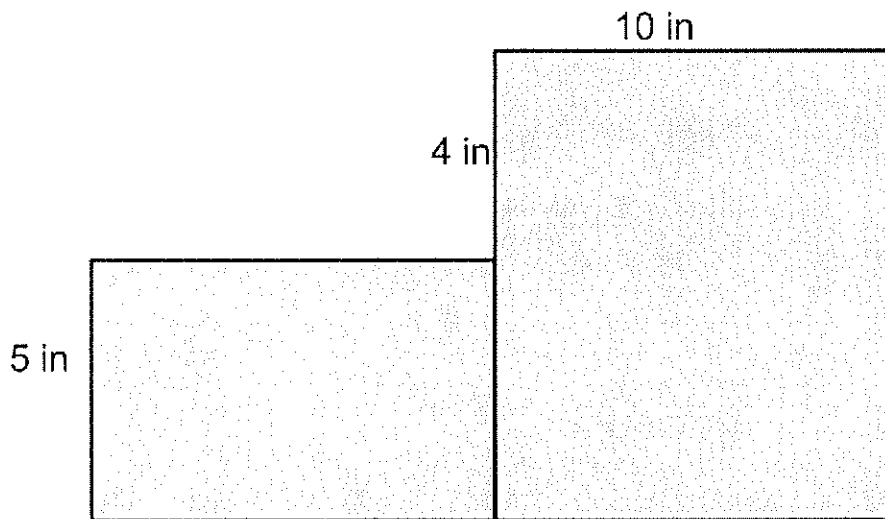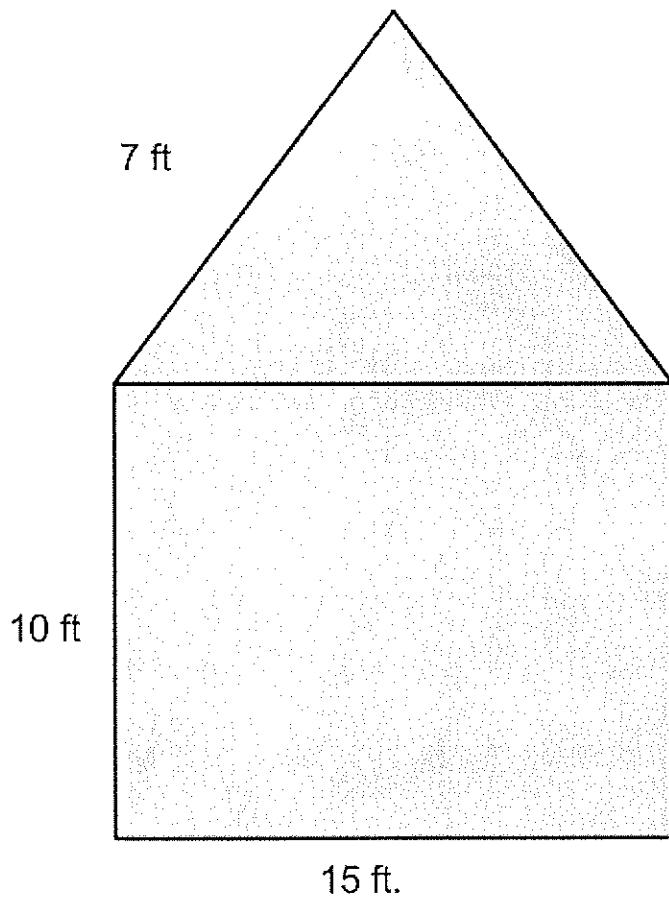Warm- up

1. Find the perimeter of the following object.
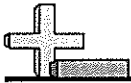
10 in

4 in

5 in

7 in.

2.
This is a regular octagon. The total perimeter is 88 in. How long is each side?

7 ft

10 ft

15 ft.

Name:

Solve the problems.

1) A bathroom had a length of 3 feet and a total area of 27 ft². What is the width of the bathroom?

1. _____

2. _____

2) A restaurant added a new outdoor section that was 8 feet wide and 6 feet long. What is the area of their new outdoor section?

3. _____

4. _____

3) A piece of sheetrock was cut so its length was 5 feet and its total area was 45 ft². What is the width of the sheetrock?

5. _____

6. _____

4) An island in the Indian Ocean had was 10 miles wide and 3 miles long. What is the perimeter of the island?

7. _____

8. _____

5) A rectangle had a length of 8 inches and a width of 7 inches. What is the area of the rectangle?

9. _____

10. _____

6) At the playground, the new sandbox was 3 meters wide and 2 meters long. What is the area of the sandbox?

7) Nancy bought some wrapping paper for Christmas that was 7 feet long and 8 feet wide. What is the area of the wrapping paper she bought?

8) A window had a length of 8 feet and a width of 6 feet. What is the perimeter of the window?

9) A piece of plywood had a total area of 30 square feet, with a width of 3 feet. What is the length of the wood?

10) A farm had an area of 35 mi². The farm is 7 miles wide. How long is the farm?

Name: _____
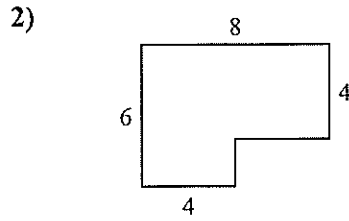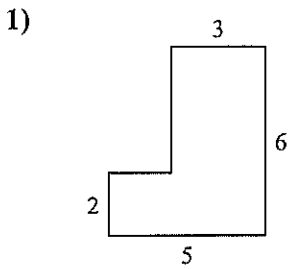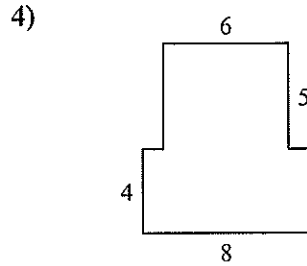
Find the total area of each shape. Measurement is in millimeters (mm). Not to scale.

1)

3
6
2
5

2)

8
6
4
4

3)

5
8
2
2

4)

6
5
4
8

5)

7
2
4
3

6)

10
2
7
7

7)

3
4
2
7

8)

4
3
3
9

9)

5
5
5
7

10)

10
2
6
8

Name:
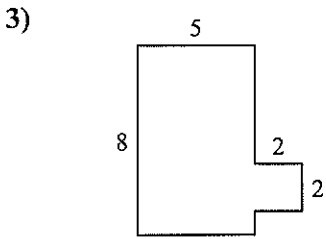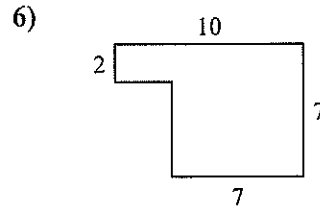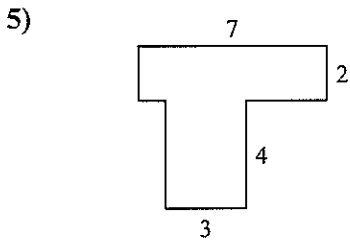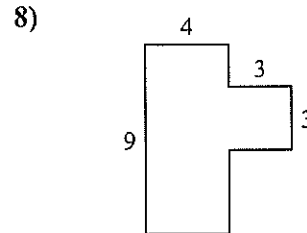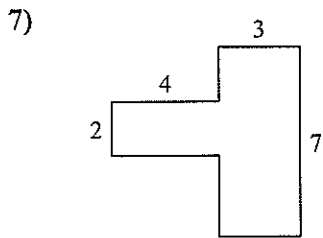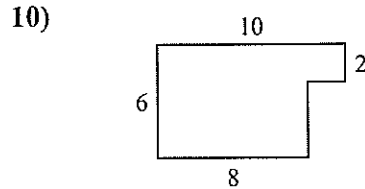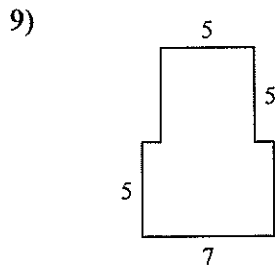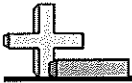
Use the graph to solve.

Favorite Superhero
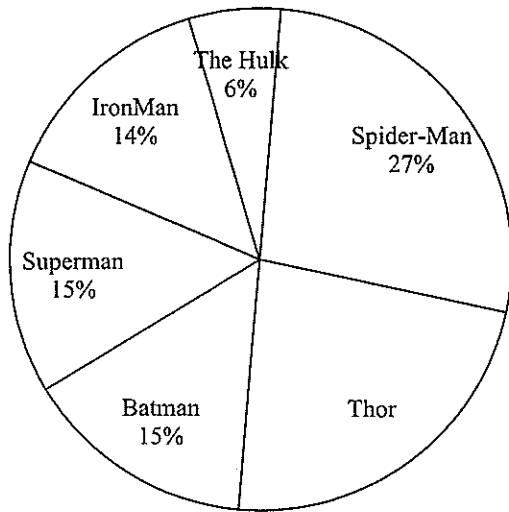
1) Which hero was the most popular?

2) Which hero was the least popular?

3) What percent of people said Thor was their favorite?

4) What percent of people said either Superman or Spider-Man was their favorite?

5) Which two heroes did about half the people say was their favorite?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

6) The most time was spent on which subject?

7) The least time was spent on which subject?

8) What percent of the time was spent working on science?

9) What is the combined amount of time spent on reading and science?

10) Which two subjects accounted for about half the time spent?

Time Spent on Homework