

# Area and Perimeter

## Mixed Challenge Cards



Area and Perimeter Mixed Challenge Cards

1.a) Allen planted a garden that is 5 feet wide and 4 feet long. What is the area of the garden?

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1.b) Allen planted a garden that is 5 feet wide and 4 feet long. What is the perimeter of the garden?

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2.a) Ismary ran around a rectangular trail. One side of the trail measured 5 miles. Another side of the trail measured 2 miles. What is the area of the trail?

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2.b) Ismary ran around a rectangular trail. One side of the trail measured 5 miles. The other side of the trail measured 2 miles. What is the perimeter of the trail?

3.a) Penelope glued a ribbon around a clipboard. The clipboard is 9 inches wide and 11 inches tall. What is the area of the clipboard?

3.b) Penelope glued a ribbon around a clipboard. The clipboard was 9 inches wide and 11 inches tall. What is the length of the ribbon she used?

4.a) The Wyatt family measured their new TV. It was 3 feet tall and 5 feet wide. What is the area of the TV?

4.b) The Wyatt family measured their new TV. It was 3 feet tall and 5 feet wide. What is the perimeter of the TV?

5.a) A DVD case measures 6 inches wide and 7 inches tall. What is the area of the DVD case?

5.b) A DVD case measures 6 inches wide and 7 inches tall. What is the perimeter of the DVD case?

6.a) A window measures 4 feet long and 2 feet wide. What is the area of the window?

6.b) A window measures 4 feet long and 2 feet wide. What is the perimeter of the window?

7.a) A new classroom rug measures 5 feet long and 6 feet wide. What is the area of the rug?

7.b) A new classroom rug measures 5 feet long and 6 feet wide. What is the perimeter of the rug?

8.a) Grandma sewed a quilt. The quilt measured 4 feet wide and 12 feet long. What is the area of the quilt?

8.b) Grandma sewed a quilt. The quilt measured 4 feet wide and 12 feet long. What is the perimeter of the quilt?

9.a) Socks the kitten got a new cat bed. The bed is 2 feet wide and 1 foot long. What is the area of the new cat bed?

9.b) Socks the kitten got a new cat bed. The bed is 2 feet wide and 1 foot long. What is the perimeter of the new cat bed?

10.a) The teacher's table is 6 feet long and 3 feet wide. What is the area of the table?

10.b) The teacher's table is 6 feet long and 3 feet wide. What is the perimeter of the table?

## Answers

1.a) 20 sq. feet

4.b) 16 feet

1.b) 18 feet

5.a) 42 sq. inches

2.a) 10 sq. miles

5.b) 26 inches

2.b) 14 miles

6.a) 8 sq. feet

3.a) 99 sq. inches

6.b) 12 feet

3.b) 40 inches

7.a) 30 sq. feet

4.a) 15 sq. feet

7.b) 22 feet

8.a) 48 sq. feet

8.b) 32 feet

9.a) 2 sq. feet

9.b) 6 feet

10.a) 18 sq. feet

10.b) 18 feet