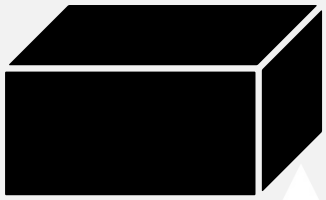
# 51. How to find the surface area of a cuboid

## Practice Questions:

1. A cuboid has length 6 cm, width 4 cm, and height 5 cm. What is its total surface area in square centimetres?



2. The dimensions of a cuboid are 8 m, 6 m, and 10 m. Calculate its total surface area in square meters.

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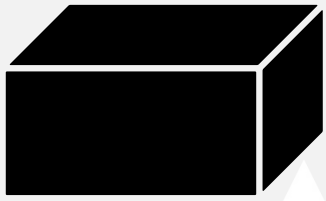
## Practice Questions:

3. If a cuboid has length 12 inches, width 4 inches, and height 7 inches, what is its total surface area in square inches?



4. Find the total surface area of a cuboid with length 10 cm, width 12 cm, and height 8 cm in square centimetres.

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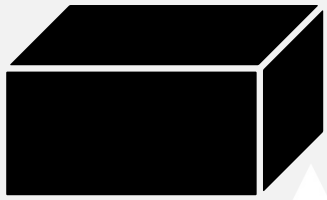
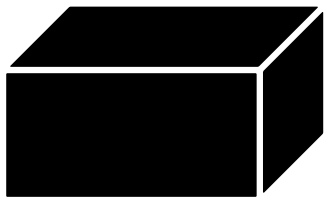
## Practice Questions:

5. The dimensions of a cuboid are 5 m, 3 m, and 2 m. Calculate its total surface area in square meters.



6. A cuboid has length 14 inches, width 6 inches, and height 9 inches. What is its total surface area in square inches?



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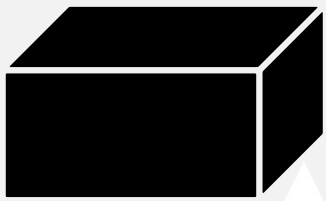
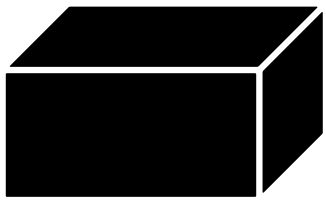
## Practice Questions:

7. Find the total surface area of a cuboid with length 16 cm, width 10 cm, and height 6 cm in square centimetres.



8. The dimensions of a cuboid are 7 m, 4 m, and 2 m. Calculate its total surface area in square meters.



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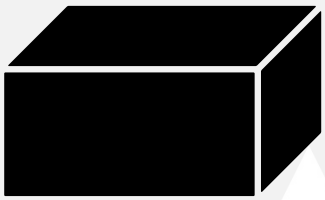
## Practice Questions:

9. If a cuboid has length 9 inches, width 5 inches, and height 3 inches, what is its total surface area in square inches?



10. Find the total surface area of a cuboid with length 20 cm, width 15 cm, and height 12 cm in square centimetres.

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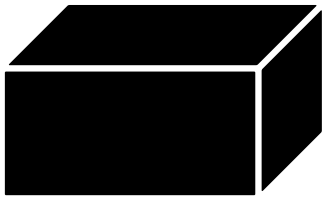
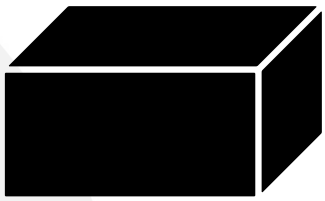
## Practice Questions: Answers

1. A cuboid has length 6 cm, width 4 cm, and height 5 cm. What is its total surface area in square centimetres?



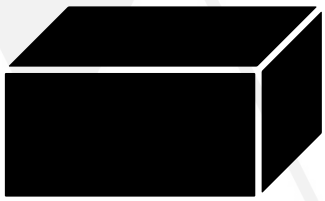
**1. The total surface area of the cuboid is: 24 + 24 + 30 + 30 + 20 + 20 = 148 cm².**

2. The dimensions of a cuboid are 8 m, 6 m, and 10 m. Calculate its total surface area in square meters.



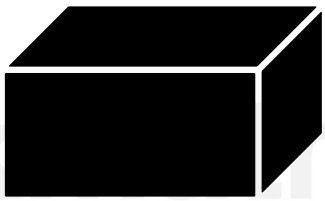
**2. The total surface area of the cuboid: 48 + 48 + 80 + 80 + 60 + 60 = 376 m².**

3. If a cuboid has length 12 inches, width 4 inches, and height 7 inches, what is its total surface area in square inches?



**3. The total surface area of the cuboid: 48 + 48 + 84 + 84 + 28 + 28 = 320 square inches.**

4. Find the total surface area of a cuboid with length 10 cm, width 12 cm, and height 8 cm in square centimetres.



**4. The total surface area of the cuboid: 120 + 120 + 80 + 80 + 96 + 96 = 592 cm².**

5. The dimensions of a cuboid are 5 m, 3 m, and 2 m. Calculate its total surface area in square meters.

**5. The total surface area of the cuboid: 15 + 15 + 10 + 10 + 6 + 6 = 62 m².**

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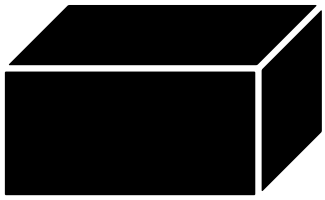
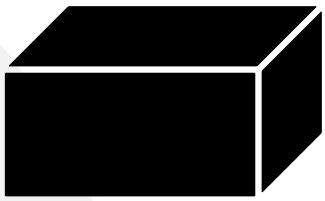
## Practice Questions: Answers

6. A cuboid has length 14 inches, width 6 inches, and height 9 inches. What is its total surface area in square inches?



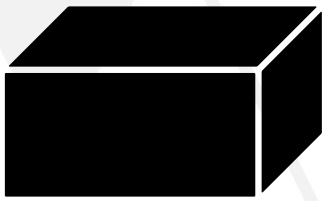
**6. The total surface area of the cuboid: 84 + 84 +126 + 126 + 54 + 54 = 528 square inches.**

7. Find the total surface area of a cuboid with length 16 cm, width 10 cm, and height 6 cm in square centimetres.



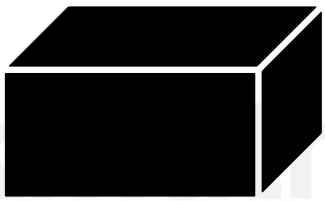
**7. The total surface area of the cuboid: 160 + 160 + 96 + 96 + 60 + 60 = 632 cm$^2$.**

8. The dimensions of a cuboid are 7 m, 4 m, and 2 m. Calculate its total surface area in square meters.



**8. The total surface area of the cuboid: 28 + 28 + 8 + 8 + 14 + 14 = 100m$^2$.**

9. If a cuboid has length 9 inches, width 5 inches, and height 3 inches, what is its total surface area in square inches?



**9. The total surface area of the cuboid: 45 + 45 + 27 + 27 + 15 + 15 = 174 square inches.**

10. Find the total surface area of a cuboid with length 20 cm, width 15 cm, and height 12 cm in square centimetres.

**10. The total surface area of the cuboid: 300 + 300 + 240 + 240 + 180 + 180 = 1440cm$^2$.**