

Metric Area Conversions

Name: _____

1. 500 cm^2 to m^2 : _____

2. 57 cm^2 to mm^2 : _____

3. 900 mm^2 to cm^2 : _____

4. 3 m^2 to cm^2 : _____

5. 90 cm^2 to m^2 : _____

6. 68 cm^2 to dm^2 : _____

7. 50 m^2 to dam^2 : _____

8. 2 dam^2 to km^2 : _____

9. 800 mm^2 to m^2 : _____

10. 190 dam^2 to hm^2 : _____

11. 50 hm^2 to dm^2 : _____

12. 8 km^2 to m^2 : _____

13. 112 dam^2 to dm^2 : _____

14. 52 cm^2 to hm^2 : _____

15. 101 dam^2 to m^2 : _____

16. 8000 mm^2 to m^2 : _____

Metric Area Conversions

17. Jacob wants to redo his garden. His garden is rectangular with a length of 0.2 km and a width of 50 m.
- If he needs to cover his entire garden with dirt, how many m^2 of dirt will he need to buy?
 - The store sells bags of dirt for \$4.00 per 20 dam^2 . How much will it cost him to cover his garden with dirt?
 - He wants to grow tomatoes in his new garden. Tomato plants only grow if they have at least 0.25 hm^2 of area to themselves with no other plants. What is the maximum number of tomato plants that Jacob can plant?
 - Jacob's friend Caroline asks if she can use a quarter of his garden to plant green beans. Caroline can plant 1 green bean plant per 2.5 dam^2 . What is the maximum number of green bean plants can Caroline plant?
 - If Caroline takes a quarter of his garden, what is the maximum number of tomato plants Jacob can plant now?