School786
AN ONLINE SCHOOL

Name:                    Due Date:              Teacher:              Parent Sign:

1. An isosceles triangle has two equal sides of 5 cm and a base of 6 cm. Find its area.

2. An isosceles triangle has two equal sides of 13 cm and a base of 10 cm. Find its area.

3. An isosceles triangle has two equal sides of 10 cm and a base of 12 cm. Find its area.

4. An isosceles triangle has two equal sides of 5 cm and a base of 8 cm. Find its area.

5. An isosceles triangle has two equal sides of 13 cm and a base of 24 cm. Find its area.

6. An isosceles triangle has two equal sides of 17 cm and a base of 16 cm. Find its area.

7. An isosceles triangle has two equal sides of 10 cm and a base of 16 cm. Find its area.

8. An isosceles triangle has two equal sides of 25 cm and a base of 14 cm. Find its area.

9. An isosceles triangle has two equal sides of 15 cm and a base of 18 cm. Find its area.

10. An isosceles triangle has two equal sides of 17 cm and a base of 30 cm. Find its area.

11. An isosceles triangle has two equal sides of 26 cm and a base of 20 cm. Find its area.

12. An isosceles triangle has two equal sides of 29 cm and a base of 40 cm. Find its area.

13. An isosceles triangle has two equal sides of 41 cm and a base of 18 cm. Find its area.

14. An isosceles triangle has two equal sides of 34 cm and a base of 32 cm. Find its area.

15. An isosceles triangle has two equal sides of 39 cm and a base of 30 cm. Find its area.

16. A room is 3 m by 4 m. What is the length of the diagonal across the floor?

17. A room is 6 m by 8 m. What is the diagonal length?

18. A rectangular room measures 5 m by 12 m. What is the floor diagonal?

19. Will a 13 m long carpet fit exactly across a 5 m by 12 m rectangular room (from one corner to the opposite corner)?

20. A square room measures 10 m by 10 m. What is the diagonal of the room?

21. A room is 8 m by 15 m. How long is the diagonal?

22. A carpet roll is 20 m long. Will it fit exactly corner-to-corner in a 12 m by 16 m room?

23. A rug measures 9 ft by 12 ft. What is the diagonal length of the rug?

24. A room is 7 m by 24 m. Find the diagonal.

25. A corridor is 2 m by 5 m. Find the diagonal length.

26. A fishing boat sails 3 km east and then 4 km north. How far is it from its starting point?

27. A boat goes 6 km east then 8 km north. How far from the start is it now?

28. A fishing boat moves 5 km east and 12 km north. What is the straight-line distance back to the start?

29. A boat travels 9 km east and 12 km north. How far is it from the starting point?

30. A boat is 7 km north of a buoy and 24 km east of it. Find the straight-line distance to the buoy.

31. A fisherman sails 8 km east then 15 km north. How far from the dock is he now?

32. A boat is 10 km east and 24 km north of the harbor. How far away is the boat from the harbor?

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33. A boat sails 14 km east and 48 km north. How far is it from its starting point?

34. A boat goes 20 km east and 15 km north. How far is it from where it started?

35. A boat is 5 km out from shore (perpendicular). The captain travels 12 km along the shore. What is the straight-line distance from the boat to the starting point on shore?

36. A rectangular box measures 1 cm by 2 cm by 2 cm. Find the space diagonal (the straight-line distance between opposite corners).

37. A box measures 2 cm by 3 cm by 6 cm. Find the space diagonal.

38. A box measures 1 m by 4 m by 8 m. Find its space diagonal.

39. A box measures 3 cm by 4 cm by 5 cm. Find the space diagonal.

40. A box measures 3 m by 4 m by 12 m. Find the diagonal from one bottom corner to the opposite top corner.

41. A box measures 6 cm by 8 cm by 24 cm. Find the space diagonal.

42. A box measures 2 m by 6 m by 9 m. Find the space diagonal.

43. A box measures 9 cm by 12 cm by 36 cm. Find the space diagonal.

44. A box measures 5 m by 12 m by 84 m. Find the space diagonal.

45. A cube has side length 3 cm. Find the space diagonal.

46. A box measures 4 cm by 5 cm by 6 cm. Find the space diagonal.

47. A box measures 2 m by 2 m by 5 m. Find the space diagonal.

48. A box measures 7 m by 24 m by 25 m. Find the space diagonal.

49. A box measures 10 cm by 24 cm by 26 cm. Find the space diagonal.

50. A cube has side length 6 m. Find the space diagonal.