Pythagorean Theorem Worksheet

Draw a right triangle and label the legs, and hypotenuse. Then, state the Pythagorean theorem.

In a right triangle where *a* and *b* are the legs and *c* is the hypotenuse, use the given information to find the missing side. SHOW ALL STEPS. Write the best approximate for each problem.

1. a = 12, b = 16

2. a = 3, b = 8

3. a = 6, b = 7

4. a = 9, b = 15

5. a = 10, b = 17

6. a = 4, b = 6

7. a = 11, b = 19

8. a = 20, b = 22

9. a = 8, b = 14

10. a = 25, b = 26

11. a = 5, b = 8

12. a = 13, b = 17

13. a = 7, c = 12

14. a = 8, c = 20

15. a = 5, c = 16

16. a = 17, c = 22

17. a = 9, c = 19

18. a = 15, c = 18

19. b = 6, c = 15

20. b = 10, c = 25

21. b = 8, c = 11

22. b = 5, c = 13

23. b = 9, c = 13

24. b = 20, c = 28