Pythagorean Theorem

Solve for x. Show your work.

1. b = ?, other leg = 5, c = 13

2. b = ?, other leg = 8, c = 17

3. b = ?, other leg = 8, c = 17

4. a = ?, other leg = 8, c = 10

5. b = ?, other leg = 15, c = 25

6. b = ?, other leg = 12, c = 20

7. b = ?, other leg = 9, c = 15

8. a = ?, other leg = 12, c = 13

Pythagorean Theorem - Answer Key

1. b = ?, other leg = 5, c = 13

   12

2. b = ?, other leg = 8, c = 17

   15

3. b = ?, other leg = 8, c = 17

   15

4. a = ?, other leg = 8, c = 10

   6

5. b = ?, other leg = 15, c = 25

   20

6. b = ?, other leg = 12, c = 20

   16

7. b = ?, other leg = 9, c = 15

   12

8. a = ?, other leg = 12, c = 13

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