

Shuttle: Pythagoras and Trigonometry

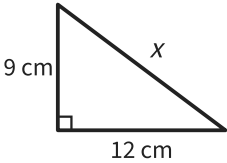


You are **pair A**. Pair A has questions 1 and 3, pair B has questions 2 and 4. Question 1 stands alone. Every question after it has a pink box: write in the number the other pair passes you, then solve. No talking between pairs. Only the number gets passed. Finish the round and check question 4 with the teacher.

Round 1

Q1

Find the length of side x , in cm.



Answer _____

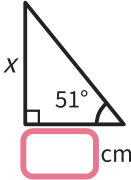
Pass your answer to pair B

Q2

Pair B has this question.

Q3

Find the length of side x , in cm, to the nearest whole number.



Write pair B's answer to question 2 in the pink box.

Answer _____

Pass your answer to pair B

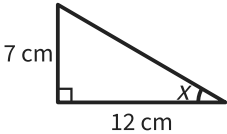
Q4

Pair B has this question.

Round 2

Q1

Find angle x , to the nearest degree.



Answer _____

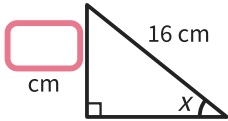
Pass your answer to pair B

Q2

Pair B has this question.

Q3

Find angle x , to the nearest degree.



Write pair B's answer to question 2 in the pink box.

Answer _____

Pass your answer to pair B

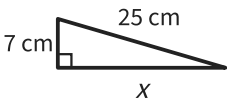
Q4

Pair B has this question.

Round 3

Q1

Find the length of side x , in cm.



Answer _____

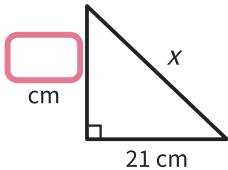
Pass your answer to pair B

Q2

Pair B has this question.

Q3

Find the length of side x , in cm.



Write pair B's answer to question 2 in the pink box.

Answer _____

Pass your answer to pair B

Q4

Pair B has this question.

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You are **pair B**. Pair A has questions 1 and 3, pair B has questions 2 and 4. Question 1 stands alone. Every question after it has a pink box: write in the number the other pair passes you, then solve. No talking between pairs. Only the number gets passed. Finish the round and check question 4 with the teacher.

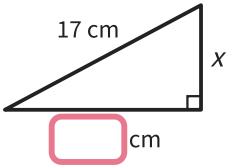
Round 1

Q1

Pair A has this question.

Q2

Find the length of side x , in cm.



Write pair A's answer to question 1 in the pink box.

Answer _____

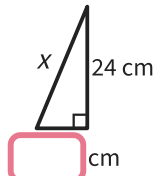
Pass your answer to pair A

Q3

Pair A has this question.

Q4

Find the length of side x , in cm.



Write pair A's answer to question 3 in the pink box.

Answer _____

Hand your answer to the teacher

Round 2

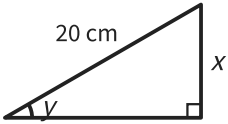
Q1

Pair A has this question.

Q2

Angle y is °.

Find the length of side x , in cm.



Write pair A's answer to question 1 in the pink box.

Answer _____

Pass your answer to pair A

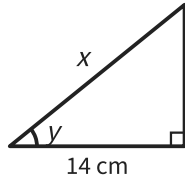
Q3

Pair A has this question.

Q4

Angle y is °.

Find the length of side x , in cm, to the nearest whole number.



Write pair A's answer to question 3 in the pink box.

Answer _____

Hand your answer to the teacher

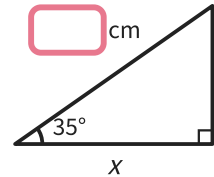
Round 3

Q1

Pair A has this question.

Q2

Find the length of side x , in cm, to the nearest whole number.



Write pair A's answer to question 1 in the pink box.

Answer _____

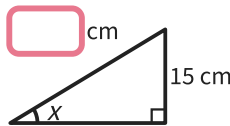
Pass your answer to pair A

Q3

Pair A has this question.

Q4

Find angle x , to the nearest degree.



Write pair A's answer to question 3 in the pink box.

Answer _____

Hand your answer to the teacher