

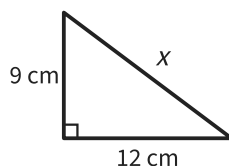
# Shuttle: Pythagoras and Trigonometry

Teacher copy. Every answer, and which pair holds which question.

Round 1

**Q1**

Find the length of side  $x$ , in cm.

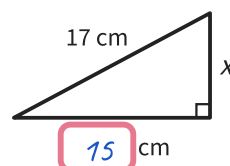


Answer 15

Pass your answer to pair B

**Q2**

Find the length of side  $x$ , in cm.



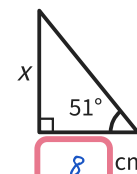
Write pair A's answer to question 1 in the pink box.

Answer 8

Pass your answer to pair A

**Q3**

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



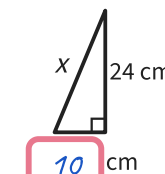
Write pair B's answer to question 2 in the pink box.

Answer 10

Pass your answer to pair B

**Q4**

Find the length of side  $x$ , in cm.



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

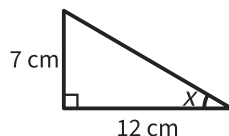
Answer 26

Hand your answer to the teacher

Round 2

**Q1**

Find angle  $x$ , to the nearest degree.



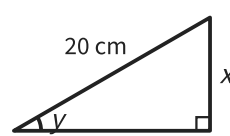
Answer 30°

Pass your answer to pair B

**Q2**

Angle  $y$  is 30°.

Find the length of side  $x$ , in cm.



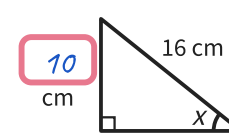
Write pair A's answer to question 1 in the pink box.

Answer 10

Pass your answer to pair A

**Q3**

Find angle  $x$ , to the nearest degree.



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

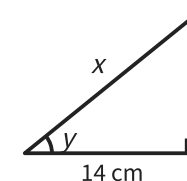
Answer 39°

Pass your answer to pair B

**Q4**

Angle  $y$  is 39°.

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.

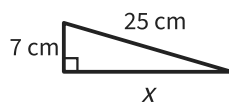
Answer 18

Hand your answer to the teacher

Round 3

**Q1**

Find the length of side  $x$ , in cm.

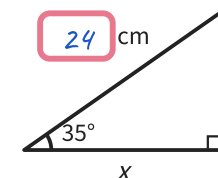


Answer 24

Pass your answer to pair B

**Q2**

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



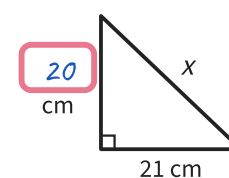
Write pair A's answer to question 1 in the pink box.

Answer 20

Pass your answer to pair A

**Q3**

Find the length of side  $x$ , in cm.



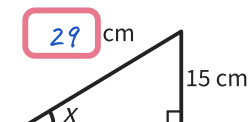
Write pair B's answer to question 2 in the pink box.

Answer 29

Pass your answer to pair B

**Q4**

Find angle  $x$ , to the nearest degree.



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

Answer 31°

Hand your answer to the teacher