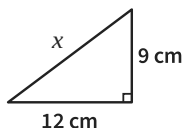


Pythagoras: finding the hypotenuse



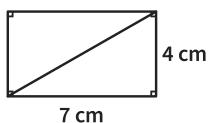
Exit ticket **ANSWERS** Name _____

- 1 Find the length x .



$$x = \underline{15 \text{ cm}}$$

- 2 Find the length of the diagonal of the rectangle to 1 decimal place.



$$\underline{8.1 \text{ cm}}$$

- 3 A triangle has sides of 8 cm, 11 cm and 14 cm. Is it right angled? Show how you know.

$$\underline{\text{No: } 64 + 121 = 185, \text{ not } 196}$$

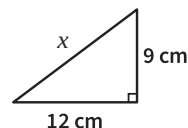
The Maths Habit

Pythagoras: finding the hypotenuse



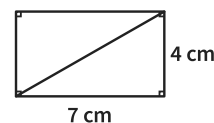
Exit ticket **ANSWERS** Name _____

- 1 Find the length x .



$$x = \underline{15 \text{ cm}}$$

- 2 Find the length of the diagonal of the rectangle to 1 decimal place.



$$\underline{8.1 \text{ cm}}$$

- 3 A triangle has sides of 8 cm, 11 cm and 14 cm. Is it right angled? Show how you know.

$$\underline{\text{No: } 64 + 121 = 185, \text{ not } 196}$$

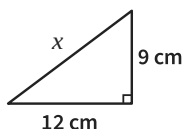
The Maths Habit

Pythagoras: finding the hypotenuse



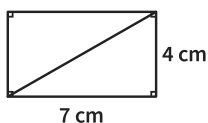
Exit ticket **ANSWERS** Name _____

- 1 Find the length x .



$$x = \underline{15 \text{ cm}}$$

- 2 Find the length of the diagonal of the rectangle to 1 decimal place.



$$\underline{8.1 \text{ cm}}$$

- 3 A triangle has sides of 8 cm, 11 cm and 14 cm. Is it right angled? Show how you know.

$$\underline{\text{No: } 64 + 121 = 185, \text{ not } 196}$$

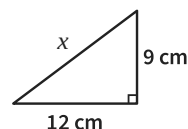
The Maths Habit

Pythagoras: finding the hypotenuse



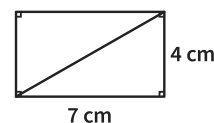
Exit ticket **ANSWERS** Name _____

- 1 Find the length x .



$$x = \underline{15 \text{ cm}}$$

- 2 Find the length of the diagonal of the rectangle to 1 decimal place.



$$\underline{8.1 \text{ cm}}$$

- 3 A triangle has sides of 8 cm, 11 cm and 14 cm. Is it right angled? Show how you know.

$$\underline{\text{No: } 64 + 121 = 185, \text{ not } 196}$$

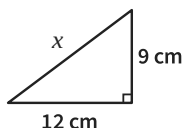
The Maths Habit

Pythagoras: finding the hypotenuse



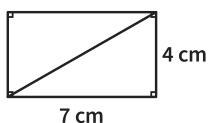
Exit ticket **ANSWERS** Name _____

- 1 Find the length x .



$$x = \underline{15 \text{ cm}}$$

- 2 Find the length of the diagonal of the rectangle to 1 decimal place.



$$\underline{8.1 \text{ cm}}$$

- 3 A triangle has sides of 8 cm, 11 cm and 14 cm. Is it right angled? Show how you know.

$$\underline{\text{No: } 64 + 121 = 185, \text{ not } 196}$$

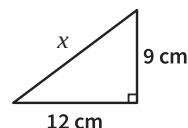
The Maths Habit

Pythagoras: finding the hypotenuse



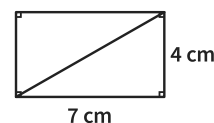
Exit ticket **ANSWERS** Name _____

- 1 Find the length x .



$$x = \underline{15 \text{ cm}}$$

- 2 Find the length of the diagonal of the rectangle to 1 decimal place.



$$\underline{8.1 \text{ cm}}$$

- 3 A triangle has sides of 8 cm, 11 cm and 14 cm. Is it right angled? Show how you know.

$$\underline{\text{No: } 64 + 121 = 185, \text{ not } 196}$$

The Maths Habit