The Case of the Missing Jewels

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I can round any number to a given value.

During the early hours of the morning, a thief broke into the palace and stole The Queen's most precious jewels, worth approximately three million pounds. Fortunately, the thief left behind some clues. Can you work out the clues to identify the correct suspect?

A partial footprint was left at the scene. The crime investigators estimated that the length of the thief's foot was about 270mm. Each suspect's foot length has been taken from the existing criminal database. You need to round each suspect's foot length to the nearest 10mm to eliminate any suspects.

	Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
Foot Length	274mm	278mm	267mm	265mm
Rounded Foot Length to the Nearest 10mm				

The flooring in the room where the jewels were taken has a weight sensor. It recorded an estimated weight of 60kg entering the room. You need to round each suspect's weight to the nearest 10kg to eliminate any suspects.

	Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
Weight	64kg	57kg	56kg	53kg
Rounded Weight to the Nearest 10kg				

According to video footage, the thief took roughly 800 seconds to sprint from the tower to their escape vehicle. Round each suspect's recorded sprint time to the nearest 100 seconds to eliminate any suspects.

	Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
Sprint Time	764 seconds	835 seconds	875 seconds	793 seconds
Rounded Sprint Time to the Nearest 100 Seconds				

The thief is _____.

The Case of the Missing Jewels **Answers**

Question	Answer			
1.	A partial footprint was left at the scene. The crime investigators estimated that the length of the thief's foot was about 270mm. Each suspect's foot length has been taken from the existing criminal database. You need to round each suspect's foot length to the nearest 10mm to eliminate any suspects.			
		Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
	Foot Length	274mm	278mm	267mm	265mm
	Rounded Foot Length to the Nearest 10mm	*270mm*	*280mm*	*270mm*	*270mm*
2.	The flooring in the room where the jewels were taken has a weight sensor. It recorded an estimated weight of 60kg entering the room. You need to round each suspect's weight to the nearest 10kg to eliminate any suspects.			
		Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
	Weight	64kg	57kg	56kg	53kg
	Rounded Weight to the Nearest 10kg	*60kg*	*60kg*	*60kg*	*50kg*
3.	According to video footage, the thief took roughly 800 seconds to sprint from the tower to their escape vehicle. Round each suspect's recorded sprint time to the nearest 100 seconds to eliminate any suspects.			
		Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
	Sprint Time	764 seconds	835 seconds	875 seconds	793 seconds
	Rounded Sprint Time to the Nearest 100 Seconds	*800 seconds*	*800 seconds*	*900 seconds*	*800 seconds*
4.	The thief is…			
	Pieter Kaldov			

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I can round any number to a given value.

During the early hours of the morning, a thief broke into the palace and stole The Queen's most precious jewels, worth approximately three million pounds. Fortunately, the thief left behind some clues. Can you work out the clues to identify the correct suspect?

In a witness statement, they estimated that the thief is about 170cm tall. Each suspect's height has been taken from the existing criminal database. You need to round each suspect's height to the nearest 10cm to eliminate any suspects.

	Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
Height	175cm	166cm	172cm	174cm
Rounded Height to the Nearest 10cm				

According to video footage, it took the thief around 900 seconds to sprint from the tower to the escape vehicle. You need to round each suspect's recorded sprint time to the nearest 100 seconds to eliminate any suspects.

	Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
Sprint Time	535 seconds	972 seconds	861 seconds	893 seconds
Rounded Sprint Time to the Nearest 100 Seconds				

The flooring in the room where the jewels were taken has a weight sensor. It recorded an estimated weight of 57 000 grams entering the room. You need to round each suspect's weight to the nearest 1000 grams to eliminate any suspects.

	Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
Weight	56 593 grams	57 403 grams	56 586 grams	57 726 grams
Rounded Weight to the Nearest 1000 Grams				

The thief is _____.

Question	Answer				
1.	In a witness statement, they estimated that the thief is about 170cm tall. Each suspect's height has been taken from the existing criminal database. You need to round each suspect's height to the nearest 10cm to eliminate any suspects.				
		Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
	Height	175cm	166cm	172cm	174cm
	Rounded Height to the Nearest 10cm	*180cm*	*170cm*	*170cm*	*170cm*
2.	According to video footage, it took the thief around 900 seconds to sprint from the tower to the escape vehicle. You need to round each suspect's recorded sprint time to the nearest 100 seconds to eliminate any suspects.				
		Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
	Sprint Time	535 seconds	972 seconds	861 seconds	893 seconds
	Rounded Sprint Time to the Nearest 100 Seconds	*500 seconds*	*1000 seconds*	*900 seconds*	*900 seconds*
3.	The flooring in the room where the jewels were taken has a weight sensor. It recorded an estimated weight of 57 000 grams entering the room. You need to round each suspect's weight to the nearest 1000 grams to eliminate any suspects.				
		Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
	Weight	56 593 grams	57 403 grams	56 586 grams	57 726 grams
	Rounded Weight to the Nearest 1000 Grams	*57 000 grams*	*57 000 grams*	*57 000 grams*	*58 000 grams*
4.	The thief is...				
	Kent Falcone				

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During the early hours of the morning, a thief broke into the palace and stole The Queen's most precious jewels, worth approximately three million pounds. Fortunately, the thief left behind some clues. Can you work out the clues to identify the correct suspect?

A partial footprint was left at the scene. The crime investigators estimated that the length of the thief's foot was about 26cm. Each suspect's foot length has been taken from the existing criminal database. You need to round each suspect's foot length to the nearest whole centimetre to eliminate any suspects.

	Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
Foot Length	26.4cm	25.5cm	26.6cm	25.7cm
Rounded Foot Length to the Nearest Whole Centimetre				

In a witness statement, they estimated the thief is about 2m tall. Each suspect's height has been taken from the existing criminal database. You need to round each suspect's height to the nearest whole metre to eliminate any suspects.

	Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
Height	1.47m	1.56m	2.04m	1.65m
Rounded Height to the Nearest Whole Metre				

The flooring in the room where the jewels were taken has a weight sensor. It recorded an estimated weight of 65 500 grams entering the room. You need to round each suspect's weight to the nearest 100 grams to eliminate any suspects.

	Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
Weight	65 522 grams	65 438 grams	56 967 grams	65 467 grams
Rounded Weight to the Nearest 100 Grams				

The thief is _____.

The Case of the Missing Jewels **Answers**

Question	Answer			
1.	A partial footprint was left at the scene. The crime investigators estimated that the length of the thief's foot was about 26cm. Each suspect's foot length has been taken from the existing criminal database. You need to round each suspect's foot length to the nearest whole centimetre to eliminate any suspects.			
		Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
	Foot Length	26.4cm	25.5cm	26.6cm	25.7cm
	Rounded Foot Length to the Nearest Whole Centimetre	*26cm*	*26cm*	*27cm*	*26cm*
2.	In a witness statement, they estimated the thief is about 2m tall. Each suspect's height has been taken from the existing criminal database. You need to round each suspect's height to the nearest whole metre to eliminate any suspects.			
		Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
	Height	1.47m	1.56m	2.04m	1.65m
	Rounded Height to the Nearest Whole Metre	*1m*	*2m*	*2m*	*2m*
3.	The flooring in the room where the jewels were taken has a weight sensor. It recorded an estimated weight of 65 500 grams entering the room. You need to round each suspect's weight to the nearest 100 grams to eliminate any suspects.			
		Pieter Kaldov	Maaria Ritz	Kent Falcone	Ruby Coloor
	Weight	65 522 grams	65 438 grams	56 967 grams	65 467 grams
	Rounded Weight to the Nearest 100 Grams	*65 500 grams*	*65 400 grams*	*57 000 grams*	*65 500 grams*
4.	The thief is...			
	Ruby Coloor			