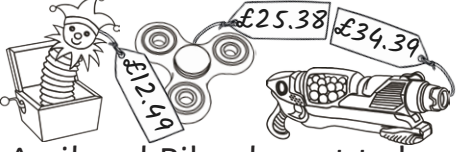# Independent Activity

I can solve reasoning questions involving estimation.

Shahid has completed his homework. Use estimation to check his answers and correct those that are found to be incorrectly calculated.

A roll of wrapping paper costs £1.43. Mahir has £10 to spend on wrapping paper. What is the greatest number of rolls he can buy? _Eight_	A shop sells sheets of stickers. On each sheet, there are 26 rows and 11 columns of labels. How many stickers are there altogether on 20 sheets? _400_	soft toy: £7.85 colouring book: £8.20 Ruby buys two soft toys and a colouring book. How much change will she receive from 2 twenty-pound notes? _£16.10_
Caroline buys 15 candles for £9. How much does each candle cost? _30p_	Randolph saves £3.90 each week. How much has he saved after 17 weeks? _£51_	Fill in the missing digits. 294 × [3] 5 = 73 [9] 0
Find the total of 492.59, 59.30 and 392.95. _844.84_	What is the difference between 23 592 and 94 592? _71 000_	Amil and Rikard want to buy one of each toy. Amil rounds the price of each toy to the nearest £10 and adds them together. Rikard adds the exact price of each toy together. What is the difference between Amil's and Rikard's total? _£2.26_

Independent Activity **Answers**

Question	Answer
A roll of wrapping paper costs £1.43. Mahir has £10 to spend on wrapping paper. What is the greatest number of rolls he can buy?	
	Eight **The answer is incorrect. He can buy six rolls.**
A shop sells sheets of stickers. On each sheet, there are 26 rows and 11 columns of labels. How many stickers are there altogether on 20 sheets?	
	400 **The answer is incorrect. There are 5720 stickers altogether.**
soft toy: £7.85 colouring book: £8.20 Ruby buys two soft toys and a colouring book. How much change will she receive from 2 twenty-pound notes?	
	£16.10 **The answer is correct.**
Caroline buys 15 candles for £9. How much does each candle cost?	
	30p **The answer is incorrect. Each candle costs 60p.**
Randolph saves £3.90 each week. How much has he saved after 17 weeks?	
	£51 **The answer is incorrect. Randolph has saved £66.30.**
Fill in the missing digits.	
	$294 \times \boxed{3}5 = 73\boxed{9}0$ **The answer is incorrect.** **294 × 25 = 7350**

Find the total of 492.59, 59.30 and 392.95.	
	844.84 **The answer is incorrect. The total is 944.84.**
What is the difference between 23 592 and 94 592?	
	71 000 **The answer is correct.**
£12.49 £25.38 £34.39 Amil and Rikard want to buy one of each toy. Amil rounds the price of each toy to the nearest £10 and adds them together. Rikard adds the exact price of each toy together. What is the difference between Amil's and Rikard's total?	
	£2.26 **The answer is correct.**

Talk Partner Activity

I can solve reasoning questions involving estimation.

Work with your partner to discuss and solve these reasoning questions.

Moana has £15. She wants to purchase the following items. Does she have enough money? Use estimation to predict your answer.	Use estimation to check the answer to this question: 594 949 - 298 489 = 319 940
Use this space for jottings:	Use this space for jottings:
Moana _____ enough money to purchase the items.	The answer is _____

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Talk Partner Activity **Answers**

Question	Answer
1.	Moana has £15. She wants to purchase the following items. Does she have enough money? Use estimation to predict your answer.
	Moana **does have** enough money to purchase the items.
2.	Use estimation to check the answer to this question: 594 949 - 298 489 = 319 940
	The answer is *incorrect*.

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