

Reasoning and Problem Solving Measure Mass 1

Developing

- 1a. 110g
2a. He needs 5g of butter and 20g of chicken.
3a. Hafsa is incorrect. The coconut is the heaviest because it weighs 70g. The pear only weighs 60g. The scales increase in different increments.

Expected

- 4a. 96g
5a. She needs 100g of flour and 2g of salt.
6a. Steph is incorrect. The aubergine is the heaviest because it weighs 550g. The potatoes only weigh 500g. The scales increase in different increments.

Greater Depth

- 7a. 192g (7th increment after 136g)
8a. She needs 24g of tomatoes and 16g of peppers.
9a. Alice is incorrect. They both weigh 128g so neither is heavier. The scales increase in different increments.

Reasoning and Problem Solving Measure Mass 1

Developing

- 1b. 80g
2b. She needs 10g of lettuce and 5g of cucumber.
3b. Gabriel is incorrect. The melon is the lightest because it weighs 3kg. The pumpkin weighs 4kg. The scales increase in different increments.

Expected

- 4b. 104g
5b. He needs 8g of sugar and 100g of butter.
6b. Sean is incorrect. The pineapple is the lightest because it weighs 600g. The melon weighs 1kg. The scales increase in different increments.

Greater Depth

- 7b. 72g (half way between 64g and the next increment)
8b. He needs 12g of sugar and 12g of custard.
9b. Josh is incorrect. The oranges are the lightest because they weigh 136g. The bananas weighs 150g. The scales increase in different increments.