

Answers

Wedding Stationary Conversions



Directions: Reference the metric chart and the following passage for the exercises below. Show your work for each exercise; number one has been done as an example!

Andrea, Thanh and Vivian made stationery in different lengths for their cousin's wedding. Andrea was in charge of rehearsal dinner menus at 25 cm long. Thanh made RSVP cards at 15 cm long. Vivian created a stack of 10 cm long Save the Date cards.

Meters to Centimeters

0.1 meter (m) = 10 centimeters (cm)

0.5 meters (m) = 50 centimeters (cm)

0.25 meters (m) = 25 centimeters (cm)

1. What size RSVP cards did Thanh create, in meters? (In decimal and fraction forms.)

15 centimeters = 0.15 meters = 15/100 meters

2. What size menus did Andrea create, in meters? (In decimal form.)

25 cm = 0.25 meters in decimal form

3. What size Save the Date cards did Vivian create, in meters? (In decimal form.)

10 cm = 0.10 meters in decimal form

4. What size menus did Andrea create, in meters? (In fraction form.)

25 cm = 25/100 meters in fraction form

5. What size Save the Date cards did Vivian create, in meters? (In fraction form.)

10 cm = 11/100 meters in fraction form

Thinking Further

What clues does a fraction form give about decimal form, or vice versa? Think, pair, share with a partner and write a response using pictures, symbols, and words.

Answers may vary but could include:

Decimals give clues to place value, particularly when it comes to tenths and hundredths. Just saying a decimal out loud gives clues to what how to write the number as a fraction. This can work in reverse, as you say a fraction out loud, it gives a clue to which place value a decimal form should be written to.