2. Cassidy figured out that she makes \$0.75 every minute at her job. She works 7 hours 15 minutes every

a. How many minutes does she work in 4 days?

X 4

1740 min in 4 days.

b. How much will Cassidy earn in 4 days?

Emma can't believe how huge the Statue of Liberty is. She finds more information about Lady Liberty.Help Emma fill in the rest of the chart and then answer the questions.

The Statue of Liberty's	CUSTOMARY UNITS		METRIC UNITS	
	Feet	Inches	Meters	Centimeters
nose	48 + 6 4 ft 6 in	54 in	1.37 m	137cm
index finger	8 ft × 12	96 in	2.44 m	244cm
head	17ft 3 in	207 in	5.26 m	526cm
eye	2 ft 6 in	30 in	0.76 m	76 cm

Source: http://www.nps.gov/stli/historyculture/statue-statistics.htm

a. Emma is 52 inches tall. Which of Lady Liberty's body parts above is the closest to Emma's height? What is the difference between these two measurements in inches?

The mose is the closest. It is 2 inches longer.

b. Emma's eye is 4 cm wide. How many of Emma's eyes lined up end to end would it take to stretch all the way across one of Lady Liberty's eyes?

It would take 19 of Emma's eyes to stretch acrossLady
Liberty's eye.

c. The length of Emma's neighborhood block is 0.19 km. About how many of the statue's heads would it take to cover the length of her block?

38 0.19m = 190m 5.2625

190

About 38 heads would be needed to cover the block.

d. Measured in meters, Lady Liberty's index finger is 4 times as long as Emma's leg. What is the length of Emma's leg in meters? 2.44 m

L's finger \(\square \) \(\text{Emma's leg in meters?} \(\text{2.44} \div 4 = 0.61 \) \(\text{Emma's leg is 0.61m long.} \) \(\text{Emma's leg is 0.61m long.} \)