Math:

Averaging procedures:

<http://www.factmonster.com/ipka/A0001736.html>

Converting feet to inches:

How many inches are in a foot? 12 inches are in one foot.

How to convert feet to inches.

Multiply the number of feet by 12 to obtain the number of inches.

For example.

 2 feet is how many inches? 2 x 12 = 24 inches

 3 feet is how many inches? 3 x 12 = 36 inches.

4’4” is how many inches?

 Step one. 4’ x 12 = 48 inches

 Step two: 48 inches plus the remaining 4 inches is 52 inches.

Let’s do another

5’8”

5 feet x 12 = 60 inches

60 inches plus 8 inches = 68 inches.

How to average 3 flights.

Flight one = 8’3”

Flight two = 6’2”

Flight three 12’

Step one: convert flights to inches

Flight one 8 x 12 = 96 inches plus remaining 3 inches. = 99”

Flight two 6 x 12 = 72 inches plus the remaining 2 inches = 74”

Flight three 12 x12 = 144 inches.

Step two: add the three flights in inches: 99+74=144 = 317

Step three: take the total of the three flights, 317 and divide by the number of flights 3.

317/3 = 105.66

Step four = round to the nearest whole number = .66 is more than 50, so round up.

Average length of the three flights is 105 inches