Bulletin Board Worksheet

Solve for each variable. Write down the value for each variable in the space provided. Show your work.

1. \( \frac{74 + 38}{8} = a \)
   
   \[ a = \]

2. \( (a \times b) + 11 = 95 \)
   
   \[ b = \]

3. \( \frac{c \times a}{b} = 77 \)
   
   \[ c = \]

4. \( c \times 21 + 34 = d \)
   
   \[ d = \]

5. \( \frac{d - 7}{12} = m \)
   
   \[ m = \]

6. \( \frac{m^3}{30} \times 3.5 = x \)
   
   \[ x = \]
\[
\frac{x \times 3}{p} = y
\]

7. 
\[
\frac{x + y - 12}{p} = 534
\]

\[y = \]
\[p = \]

8. 
\[(y - p + 4345) \times 5 = z\]

\[z = \]

To check your answer you can look up the height of Mt. Everest. \(z\) is equal to the height of Mt. Everest in feet.